STORM DATA



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRA-TION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

NATIONAL CLIMATIC CENTER

	<u>.</u>	· 1=	Т	1	05	CCT».	ATES	1				-	r	110		ECT	ATEST	SEPTEMBER 19
	CAL	F T	Ę.	PER	OF SONS		ATED†				OCAL,	PATH	¥_		OF SONS		ATED!	
PLACE	DATE TIME - L	STANDARD LENGTH OF PATH	(MILES) WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
ALABAMA	1 1	i	1	Ī			· ·	<u> </u>	ARKANSAS (cor	ntinu	ed)							
Mobile County	6 :	L. 30a		0	0	4	0	Windstorm	Just North of Forrest City -	14	12:59 p.	** 100	25	0	0	0	2	Tornado
	High wine	ls destro	red a bar	n just	nore	hwest	of the	Mobile Airport.	St. Francis County					١.	. ,	Ì.,.		flu de a saubasu
Wilcox County	6 10).05a **	75 20	0	0	3	0	Tornado		fie	d. Minor	crop '	damage '	WAS T	eport	ed. 1	wo fun	fly in a soybean nel clouds were vement was to
	There wer	e broken	tree lim	be and	mino	r dama	ge to	th of Camden, outbuildings,			northeast		,					
		ness des located						to the northwest.	Between Forrest City and Wynne -	14	1:45 p.							Funnel Cloud
Perry County	6 :	2.00p		0	0	0	0	Funnel Cloud	St. Francis-Cross County Line									by the sublic
		cloud was						Iniontown.	Junction of Highways		3:20 p.	n movi	ng nort	neast	ward	Was re	portec	by the public.
Tuscaloosa County	`	00р	8 100		0	4	0	Tornado	14 and 167 - Independence County	14	3:20 p.							
•		·	.	1		d down			Independence county	Pub	lic report	ed a f	unnel c	loud.	No	moveme	nt was	indicated.
	Tuscaloos North Riv	a. Dama; er Yacht	e occurr Club. S	ed at onne up	Cotto	ndale, d tree	Holt, s and	and north of and at the damage to dock at the	Otwell - Craighead County	14	3:38 p.							Funnel Cloud
•	North Riv	er Yacht	Club was	desti	oyed	and se	veral	boats were		Sta	e Police	report	ed a fu	nnel	cloud	movir	g nort	hward.
		es east o	f Tuscal					ttondale is is eight miles	3 Miles West of	14	4:15 p.							Funnel Cloud
Tuscaloosa County		05p 1,		0		4	a	Tornado	Jonesboro or near Cash - Craighead County									
,		·		1	Wind	ham Sp	rings	destroying	orangineau county	Pub	ic report	ed a f	unnel c	Loud	movir	nort	heastw	ard.
	two small	. b ar ns an 8 miles n	d damagin orth of '	ng oné Tuscal	home cosa.	. Wir	dham S	prings is	Near Egypt - Western		4:30 p.	**	25	0	0	0	0	Tornado
Covington County	6 5.	00p		0	0	4	0	Windstorm	Craighead County			100						
	Several t	rees were	blown or	ver ar	d the	re was	damag	e to a barn		Move	rnado tou ment was	ched d to the	north.			as spo e was		y the public. ed.
efferson County	6-7	phouse.	Opp 18 14	0	0	5	0	Heavy Rain	Ponder's Switch Community or 5 Miles	14	4:47 p.	2	50	1	3	4	0	Tornado
,	Between	7 AM on t	he 6th ar	nd 7 A	Mon	the 7t	h, fiv	e to six inches	East of Hoxie - East- ern Lawrence County	1								
	of tain	fell on J	efferson	Count	y. T	ne rem	anents	of Hurricane										home. The
	the high	water.	the Birt	mingha the ev	n are	a and Lons t	pesser ook pl	er because of ace in the ater levels r levels were			lity and to the no			in t	hat b	one.	Moveme	nt of the tornac
	rose to	five feet	in some	areas	. Fi	ve foo	t wate	r levels were f Bessemer.	Gentry - Benton County	22	9:10 a			0	0	0	0	Hail
	Bessemer	is locat	ed 10 mil	les so	uthwe	st of	Birmin	gham.	beaton obtains								h the	county produced
Franklin County	1 1	30a		0	0	3	0	Windstorm	5 Miles South of	one 25	inch hail 9:55 a.	No ·	damage 1	vas r	eport 0	0	o	Hail
	Red Bay	s were da during a thwest of	thimders	torm.	Red	rees w Bay is	locat	own down in ed 85 miles	Prescott ~ Nevada County	-	7.J. a.				ľ	"		MHII.
	West sou	chwest of	nuntsvi.	iie.					•	Stro	ng thunde uced hail	rstorm up to	s moving	g sou ch in	theas diam	tward eter;	throug howeve	h the area r, no damage
ALASKA kenai River	5÷9					5		Glacial Lake	Vandervoort -	was 28	reported. Between			0	0	2	0	Hail
							_	Outburst Flooding	Polk County		6:00 a.				ľ	*	Ů	Ball
	trib	utary of	the Kenai	1 Rive	r, on	Septe	mber 2	River, a Another			6:30 a.							
	Kena	i River, arious no	commenced	d Sept	ember	5. I	he Ken	Lake on the ai River flooded enai River at		Heav size	y thunder d hail. I	itorms Linor	moving damage v	thro	igh t eport	he cou	nty pr	oduced golf-ball
	Coop	er Landin e – on Se	g ¢restec	d at 1	5.39	feet -	3.39	feet above flood	5 Miles West of Blackwell -	29	12:25 a.			0	0	0	0	Hail
Northwest Coast	12-					5		Coastal Flood	Pope County									
	13	no ac. *!-	winds at	ء م	[]	10000	ator	and Wind in the Bering		Stro	ng thunder . No dam	storm	produc report	ed g	lf-b	all si	zed ha	il in an open
	Sea	caused co	astal flo	odding	in N	orton	Sound;	minor flooding at Golovin was	CALIFORNIA NORTHERN & CENT	 RAÏ		NONE	BEDOC.	TEN				
		ded. Son										NUNE	REPOR	IEU.				
ADIZONA	110	REPORT	pece tue						CALIFORNIA SOUTHERN			NONE	REPORT	TED				
ARIZONA		KEPUKI	NECE I VE	Ĭ	:				COLORADO									
ARKANSAS	5 Late			0	1	3	0	Lightning	Eastern foothills of Front Range of Rocky	23 Drv	0600-1200 wind gust	s to é	7 mpha	0 t the	0 Air	0 Force	0 Acadei	Wind ny near
andolph County		rnoon ntas Poli	ce Depart	tment	dispe	tcher	waa si	ightly injured	Mountains and northeast mountains	Col wer	wind gust orado Spri e measured	ngs.	Minor v rt Coll	ind (amag ovel	e with and ai	gusts port;	52 mph 58 mph
	when lig		ruck an a					erating the		dow	ntown Fort hway 14 an sured peak	Coll:	ns; and Spot	56 r	npha et Ho	t Vall	ey Air Th Resi	ort near ervoir
t. Chaffee -	1. 1	5 p.		0	0	2	0	Hail		Uni	versity ne	ar foo	thills	meast	red	gust t	78 m	ndo State oh. 100 ridge Road
ebastian County			1					md alumni -t. nd		in	Rocky Mour eet deep	itain h	ational	Parl	, wh	ere sn	w was	drifted
	area pro	f heavy t duced hai mage was	1 up to a	one an	d one	north -half	eastwa inches	rd through the in diameter.			-, /							
ligelow -	1	5 p. **	50		0	4	0	Tornado										
Perry County	A torned	o movine	1	tward	touch	ed dow	n heav	ily damaging a			.							
								ar collection		l								

		CAL	PATH	E		OF SONS		IATED† IAGE				CAL	PATH	Ξ		. OF	ESTIM DAW	ATED!	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	(גוררבם	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
CONNECTICUT	2	3-4PM		1	,	,	4		Lightning	FLORIDA (conti					1	0			
Eastern arcas		•							• •	Paim Beach County	A 63	Mid-day -year-old	South	Bay ma	n was	stru	0 ck and	0 kille	Lightning d by lightning
'	Fir.	htning str e Departme a of Norwi	nck ti	te switt house	in t	a of e Ea	t Gre	grwich at Pla	in		been	working :	n the	field :	vith	tour '	pther	nen wh	ration. He had o apparently left
	are and	a of Norw the resul iously inj	ch was tant :	severe lire. 1	oly do In Eas	mage t He	l by E ldam a	ightni. boy w	19 13										the other workers e mile south of
	ser	iously in	ured b	y light	ning.			-		De la Basah Garage		e Road 80							
Montville	3	After- ncon			0	0	3	0	Lightning	Palm Beach County	-	EST			0		. 0	0	Waterspout.
	Lia	htning str		a Hoha	an E		mnau	hnach	ina			terspout v	as obs	served :					
	out	its base								Escambia County	5	5:25 PM			0	0	0	0	Funnel aloft.
	yen	erator.									A fu Nava	nnel cloud 1 Air Stat	aloft	was r	port	ed 3	niles	northw	est of the Pensaco
Canaan Nohfolk	_									Pinellas County	12	3:45 PM			0	1	0	0	Lightning
North Colebrook	5	Midnigha	1		0	0	5	l	Lightning, rain			EST		lerman			Į		by lightning at
	In a b	North Cole arn. Flas	brook h flo	lightn d cond	ing po itio ns	rtia in N	lly de rfolk	stroye washe	dr dr		M111	s Auto Sal	es on	U. S. :	19 So	uth d	uring	viol	ent thunderstorm.
	out	400 feet er normali	of roo	d leave	ing a	7 600	t dee	hole	·		when	lightning	appar	ently s	truc	i a p₁	ower p	le or	of the car lot nearby building
	6 ń	eet above water and	the ro	dad, enc	ulfed	a ha	me in	13 hee	ŧ l		at a	desk near	the v	ire at	the	ine :	lightn	ing st	victim was sitting ruck, and he was
	3 6	ridges wer	e wasi								knoc tran	ked to the sformer or	floor	uncons	ciou ie ca	lot	ne ligi	tning	strike blew a
•		continuous	1.		'			1			"mil	lions" of Lot glowed	sparks	filled	the	air 1	hile .	web	of power lines over
Putnam	20	12:13PM			0	0	4	0	Lightning	Bay County		6:00 AM		g	0	0	0		Waterspout
	str	the secon	ge fil	fled wit	h val	uable	htnin equi	ment.		10, 10, 10, 10, 10, 10, 10, 10, 10, 10,		CST					-		-
	Thi	s time the	garag	ge was o	estro	yed.					City	Beach.	as rep	orted a	Bout	17 101	res s	utn-s	uthwest of Panama
DELAWARE										Naples,	14	3:00 PM			0	1	0	0	Lightning
Sussex County	5	3:00 p- 4:00 p			0.	0	3	0	Rain, Lightning	Collier County	A 57-	EST -year-old	Lely H	igh Sch	1001	thlet	ic tra	iner (as struck by light
	Ligh	tning dame	ge to	transfo	ormera	and	line :	tuses :	in the Seaford area		ing	ouring an	arter press	noon to box. le	otba anin	II pra	ctice metal	sessio	n. He was stand-
	occu	rred in th	e Cour	ty.	Ţ \$ 3,		bome .	T BII WG	TICOTING BISO		Secu	ck, and wi	tnesse	s sala	cnac	ne wa	s thro	wna up	into the air and arently the light-
Kent County (extreme	5	5:15 p			0	0	14	0	Lightning		ning	bolt ente	red th	e middl	e of	the v	ictim'	s bacl	and exited through area. Lightning
south portion)	Barn	and 800 t	ales o	f store	d hay	dest	royed	in 11:	htning-caused .		had 1	ot been o	bserve	d prior	to 1	his :	ncider	t.	area. Eighening
Ī	1.	e. Estimat	ed los	ss: \$9,6	ю.					Lakeland, Polk County	15	2:15 PM EST			1	0	0	0	Lightning.
Dover and vicinity, Kent County	6	6:30 p	Ì		0	0	2	1	Lightning, Rain	H	A bl	ind 18-yes	r-old	Florid	Sou	t hern Lake	Colle Holls	ge stu	dent was struck by h and died 5 days
	Powe afte	r blackout r a bolt c	affed f ligh	ted 88- stning s	equar truck	e are	a, in	luding	the City of Dover,		late	r from his	iniu	ies. '	The v	ictim	and s	veral	members of the orm developed, and
•	stre	than a fo	g alac	occurr	ed, w	ith s	evera:	moto	ists stalled in		they	were head	led bac	k for	hore	when	light	ning s	ruck. The student to the navel, and
Felton,	6	7:38 p			0	0	4		Lightning		his	pants were	score	hed and	tor	ope	h by t	ne lig	htning. Some of
Kent County	١'		04 41	dostr			,		00 bales of hay		dock	, and bega	m admi	nister	ng ca	rdio	pulmon	ary re	ought him to the suscitation (CPR).
	insi	te. Loss e	stimat	ed at n	ear \$	10,00	ο.	, .	oc bales of hay		and	they conti	nued (PR unt:	1 an	ambu	Lance	arrive	scue Unit arrived d. Ambulance
New Castle County	19	9:00,p			0	0	3	0	Lightning		aliv	ndants com e enroute	to the	the he	art	massa room.	ge pro	tess a	nd kept the victim
	Viol	nt electr	ical s	torm ca	used	scatt	ered d	amage	over the northern	Escambia County	16	12:30 PM			0	0	0	0	Waterspout
	tran	ion of the formers w	count ere st	ruck.	high	schoo	ls clo	sed wi	en power pole and		A wa	CST terspout v	as rep	orted :	ear	the P	ensaco	la Bay	Pass moving north
FLORIDA											at 2	Omph.							_
ee County	1,2				0	0	5	0	Heavy rain/local flooding.	Escambia County	17	7:50 AM CST			0	0	0	0	Waterspout
	Wide	spread th	unders	torm ac	tivit	y and	heavy	rain	associated with a general and over		A wa	terspout	as rep	orted a	bout	6 m1	les so	th of	Pensacola.
	the	island an ical depr	d coas	tal sec	tions devel	of L	ee Cou from t	hty in	particular. (A:	Pasco County	17	6:55 PM EST			0	0	0	0	Wind
	beca	miles sou me Hurric	thwest	of Tam	pa th	eve	ning o	f Sept	ember 2nd eventuall	-	A wi	nd gust to ge or inju	70 mg rie≈ ≃	h was r	epor	ed d	ring	thun	derstorm. No
	Mexi	co.) Rai	ns of	to 5	inche	or	more o	ccurre	rth-central Gulf of d in many sections d highway flooding,	Kissimmee,	18	8:00 PM			0	1	0	0	Lightning
										Osceola County		EST	MORen	ranorto					ning passed throug
	spre	ad local ries were	1100d1	ng and ⊪	damag	.гу, В, ша	uescri inly t	o road	low, caused wide- s and seawalls. No		her	television	set d	uring a	vio	ent	lectr	cal s	orm and knocked
	_		'		l						not	seriously	injure	d.	Liea	eu a	Line 1	euica.	center but was
.	fron	12 to ne	arly 1	B inche:	s dur	ing tĴ	he 2-d	by per	l amounts ranged iod with 16 inches	Martin County	19	2:15 PM			0	0	0	0	Funnel sloft
ļ	stre	et and ro	ad flo	bding o	ccurri	ed with	th roa	li dama	and. Widespread ge estimated up to		A fu	EST nnel cloud	aloft	associ	ated	with	a thu	derst	rm was reported
	\$20U	.UUU. A	tew co	ttares '	in lot	2-1 V16	DO STE	ac wer	e flooded, and many water. Water 3 to The hardest-hit		west 10 m	or the Tu ph.	rnp1ke	. The	cnun	erst	rm wa	movi	g northward at
	4 fe area	et deep w of Sanib	as rep el Isl	orted on and was	the	nan's Vulfe	Beach rt Poi	Road. nt are	The hardest-hit a.	Hillsborough County	20	1:10 PM EST			0	0	0	0	Funnel aloft.
	Pine	Island:	Unoff	icial r	infa	1 am	ounts	of 14	to 18 inches were		A fu	nnel cloud	aloft	was re	port	d sor	th of	Tampa	
	repo (sou	rted. wai thern tip	of the	nage to e Island	seaw	lls	in the er are	St. J	ames city area	Brevard County		Unknown -vear-old	hov w	E STOW	0 k hv	1 110h1	0	0 h1le i	Lightning iloting his father
	doll	ar damagei	figure	e was at	railai	nle. I	Seawa	իլ ժատ	age in Cherry dred feet of the		boat	during a	fishin	g trip	on th	e Ind	lian Ri	ver.	The boy suffered
	wall	caved out	ward	along a	сапа	.]	_ ,. 01				inju	ries to an	eye w	hen the	lig	tning	bolt	knock	he shoulder and d him into an elec
				1	ı ł	- 1		1 1		1	Eric	ıı cermina	T DOX.	The b	oat 1	as at	out 30	minu	es away from the
						İ					Nept	ine Marina	at ma	CCO WITE	D 11	urni	IS SEED	ick.	

			_	r							1		Γ	_	_				SEPTEMBER 1977
		CAL	PATH	E		OF SONS		ATED† IAGE				JAL CAL	Ŧ	Ε		. OF SONS	ESTIM DAM	ATED†	
PLACE	J.	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	2	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
	DATE	TI	LE	*	고	Ķ	<u> </u>	Š			DATE	TI	=		볼	3	ă	Ť	
FLORIDA (continuous Seminole County	ued 21		1/10	10	0	0	4	0	Tornado/severe	GEORGIA Lumpkin County	7	3:30 p	1	100	0	1	4	0	Tornado
	torn Road	Seminole (ado touche in Sanfor	d down	in the	ares pole	of C	ountr telep	Club ione w	that a small Road and Southwest res were blown		wind	rnado tou s picked w other s	er up	and car	ried	her	throug	h the	woman, when air. A barn and
	ion and	with wides central Or	pread	severe ounties	thund Ir	erste the	Sanfo	ivity	curred in connect- through Seminole , more than 3 flooding, including	Toccoa, Stephens Counties	7	3:40 p	1	100	0	0	5	0	Tornado
	some phon	major str e service,	eet fi and l	looding. igh win	Lig ds bl	htnin ew do	ig kno wn nui	ked o	t power and tele- trees, including stable, and a	Meigs, Thomas	Wind	ows were 8:30 p	ed 2 b broken	and par	t of	a ro	rai ca of was	torn 0	an industrial park. off. Lightning
Cape Coral,		of lightr 6:00 PM			o hor	ses s	tandi	g und	er a tree.	Counties	A ci	i -	lestro	yed by	fir	e, be	lieved	to ha	ve been caused by
Lee County	Light	7:00 PM EST ming stru	ck a f	ireman	0 durin	l gas	4 evere	Chunde	Lightning/wind rstorm while he was to a downed power	Dahlonega, Lumpkin Counties	14	2:00 p			0	0	3	0	Thunderstorm and Flooding
	line. descr of do	His inj ibed as o llars wor	urles ne of h of	were no the wor propert	t ser st st dam	lous. orms age a	The of the od was	violer seaso accom	t thunderstorm, n, caused thousands panied by numerous		Nort	vy thunde Georgia King lot.	rstorm Colleg	produc e. Sev	ed so eral	me lo vehic	cal fl les su	ooding ffered	on campus of flood damage in
	light were torn	ning stri left with screens a	kes, s out el nd man	trong w ectrici gled la	nd g y, a yn fu	usts nd so rnitu	and he ne res re. A	avy ra idence t leas	in. Many homes s were strewn with t one brush fire	Clayton County	27	2:00 p			0	0	3		Thunderstorm
,	al ti blow	ansformer down, a	s dest 5000 p	royed, ound ya	two m	ajor eck m	power old hu	lines rled t	ncluded 40 electric blown down, trees hrough a large y. Except for the			winds fro ered area				aused	some	minor	damage in
	light the s	ning stri			ere w	ere n	o inju	ries d	frectly related to	HAWAII 8 mi. NNW of Kaena Point, Oahu	14	1:16p- 1:47p							Funnel clouds
Sunrise, Broward County	Four	EST Sunrise P	clice	Departm	ent m	4 ember	0 g were	0 injur	Lightning ed when lightning ce station, knock-	l mi. SW of East Maui	27	4:15p- 4:25p							Waterspout
	eda blow: an e:	hole in t ng out ra plosion a	he wal dios a nd saw	l of Ci nd tele a big	ty Ha phone white	ll, a s. T flas	nd cra he emp h. Th	shed i loyees e vict	nto the radio room reportedly heard ims were hospital-	1½ mi. E of Wheeler AFB, Oahu	27	6:14p- 6:18p							Funnel cloud
	be se	rious. O d that he	ne emp	Loyee a	ppare: still	temp	receiv oraril	ed a c y impa	not considered to oncussion and re- ired a week after he room when the	IDAHO			NONE	REPOR	TED				
	light filir	ning bolt	appar Rad	ently e	lectr oles	ified in th	a met 1s san	al cat	ne room when the inet where she was had been damaged	ILLINOIS Northeastern	1	After-			0	0	5	7	Lightning, Wine
Orange County	22	3:15PM to 3:45PM			0	0	0	0	Funnels aloft	Illineis	Light wide	neen tning a areas usis Co	f Conntie	nied k, Du	viele ege	nt Wi	hunde 11, Gr	rater undy	ms which hit Kankakee and flash flooding ds of people.
Palm Beach County	ı	EST ral funnel	cloud	s aloft	were	repo	rted o	ver So	uth Orlando Waterspout		a po	st 15 ml		uth A	TAT	idet	wher	rten,	in will county,
	Alan 10 may	EST ge waters h moved a	pout c	Ff Palm at Sout	Beac h Pal	h mov n Bes	ing so	uth-so	uthwestward about moved over the was reported.		vate ed e	r was de	stre rai	ed in	the reel	resi	lten	fire	vater. The ele- as it sellaps-
Palm Beach County	l	11:30 AM EST	aterwa	y and d	issip O	ated. O	No d	lamage 0	was reported. Waterspout	Little Swan Lake, Fulten County	Thr	About 2:10pm c homes	•08	70	0 d at	0 Li	4 tle :	wan)	Ternade ake, about 5
	Anoti caus:		pout m	oved as	hore	at Bo	ca Rat	on and	dissipated without		men:	window ing fur	and p	ieture dra	wiz	idows	in t	he li	lew out a base- lying room, ito the yard and ial shed and a
Margate, Broward County	Light famil	y home.	Two me	n were	ers w	hile e roo	they v	ere wo	Lightning rking on a single- hird man was on a		chi: the	dren's a nerth ha	wing lf of	its i	neth	er l	euse hird	sust:	ined damage to was hit by beats . This house
· !	appea fell	red to be off the r	about oof, a	75 fee nd woke	t awa	y when	n it i	dt. T	e lightning bolt hen he blacked out, e three victims overnight for	Mercer County	7	About 3:10pm	d rec	fdume	ge. O	0	0	,	Funnel Cleud,
Broward County	obse	vation. 12:30 PM			0	1	2	0	Wind		At] not sout	east 2 v far from	eathe the the	r spei Aledo	tere	report.	orted At a	seei peir	Hail ng funnel sleuds t about 5 miles w 2 funnels,
	A 12-	EST year-old window at	boy wa	s injur	ed wh	en st	rong w istian	inds l	lew in a locker-		tele	of seed	ng l	rge h	ils	bout	id dus	les s	other observer outh of Aledo.
	1		hangin der la	g cloth ceration	es af	ter a	gym c	lass.	down on the boy The boy was treat-	Deer Creek, Tazewell Caunty	A de	dinutes f	f an	ed a s	hort	-lí1	ded to	hes e	Tornade f rain in about . The sterm
Lee County	A bol he wa Acres spark	s working Lightn	with ing st the r	another ruck a r oof. Ti	man earb	on the tel	e roof ephone	of a	Lightning unconscious while home in Lehigh and then apparently ere not serious,		the A he move	Westview Westview Westview West under Side alignial	onfir Bubb Feor ly, s Demole	ed to lvision strust nd set	the n. s ien down	west was mas	orn of 30 h	dge o lomes d eff This ther	f Deer Creek, in were affected. its foundation, structure was residence, attached garage cining yard.
Hernando County	A fu	12:25 PM EST nnel clou police 4						0 at 10	Funnel aloft.			ripped o	off ar	d carr	1ed	ASTO	ss th	e adj	oining yard.
Franklin County	30	10:57 AM EST			0	0	0	0	Waterspout										
									ted just south of alachicola.										

		د.	ī	1	NO	. OF	ESTIN	ATED†			[.,		Ι——	NO.	. OF	ESTIM	ATED†	SEPTEMBER 1977
		COCA	PATH	¥.3		SONS		MAGE	CHARACTER			OCA!	PATH	H T		SONS		AGE	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
ILLINOIS (conti				150		١.	_		 	IOWA						0	1 .		
Adams County	A te	Night rngdo wi	ich o	150 origin	0 ated	in I	5 1880	uri e	Tornade ressed the Miss- hit in Illineis	Cherokee, Cherokee Co.		8:00 P	oled a	displa	v mob		4 nome at		Severe Thunderstorm (Wind) wbrook Sales. Home
	at 1	arbi shei	4. 40	dame C	eun ta	r. 173	he ta:	nede	destroyed a ms- west of Warble- ived suts and		comp	etely des ng severa	royed	Tree	s wer	e upr	ooted	which	fell on power lines
	brui	ses. In	the '	vieini	ty of	the	meb:	ile h	eme. numerous	Northern Iowa County	17	7:00P-			0	0 .	5	5	Heavy Rain
	farm	ramilie	a 11º	ting o	ni eii	ther	side	of I	e wind. Three										lverts, damaging ow farm land area,
	1111	ed over	the	uard:	tail	en l	highw	dy 57	ofs and other read truck was and dropped		dest	oying cro						Damag	e.
	resu	lt, spil	ling to:	its e	nter	ts o	ut.	he di y be	in 2 places as a river was injur- an fields were ad rain.	Delhi Delaware County	Man 1	10:30 P cilled whe ke Delhi.	n ligh Hís (ning b wife wa	olt s kno	1 truck cked	throu uncons	gh met	Lightning al shelter house
Remeaville,	1 1	About		W210 1	0	0	6	Ì	Lightning	Waverly Bremer Co.	17 Ligh	11:15 P ning stru	ck hou	se, sta	0 tted	0 fire	4 and co	mplete	Lightning Ly destroyed top
Will County	Ligh	1:00em tning h	t 2	il ta	nks.	Debi	in f	rem ti	he explosion hit	Coden Booking and	£100	and exte	nsive :	vater d	amage 0	to r	est of	house	
	be 1	elt 10 :	a thi iles	away. Michi	nk, I Smel	esu.	ting com ti	in a	blast that could aze drifted ever	Cedar Rapids area Linn Co.	18	8:00 P - 1:00 A to six in	th rais	ns floo		1	5 s and		Thunderstorms Heavy Rains, Wind nts, High wind
Christian, Shelby	30	Evenin <i>s</i>			0	0	6	7	Hail		upro	ted many greenhou	trees	downin	8 pow - 70	er li % wat	nes. er dam	These	winds also damaged Indian Creek
Celes and Effing- ham Counties	Beg:	nning at	abou il ai	it 6pm	thu dal	nder	ater	a wit	h heavy rains	4 NW Urbana	1	ed causing	exte	nsive d		to P	ark an	1	etic Complex. Heavy Rain
	alth	ough son	to fla	ash fl	eedir	g wa	E 001	erve	y the hallstones. The large size car tens. down-	Benton Co.	18	4:00 A	sed a	path o				l	nd 15-20 feet deep
	pert	ed kille	d by	the h	il i	n tì	te vi	init:	car teps, dewn- irds were re- y of Effingham.		to ci	t through ut broke	level raina	farmya e line	d. top	Water pled	ran c	ff hig	her fields. The nt bailer, planter
	ripp	ed to sh	reds	and e	rn s	hell	ed fr	dem ti	olds of soybeans to stalks ento to observed at	3 NE Holland		wo wagons	anto ti	he deep	ravi		4		Lightning
	Pana	. Christ	ian (dounty	Hai	1 1,	25 in	ches	in diameter was er City. Effing-	Grundy Co.	Light	ning stru	k barı	and s	tarte	d fir	e. Ba	rn com	plex destroyed as machinery.
	ham		had 1	large l	eil.	also	, la		han gelf-ball	Corning	23	4:15 A			0	.0	4	0	Lightning
Perd, Champaign,	30	Night	ļ.,		1	12	7	6	Wind, Hail	Adams Co.		ning hit a ompletely			tenna	and	starte	l hous	e on fire - house
Vermilien Counties	W1nd	a. Large	101	l. hea	VV PE	ine	and t	llash	flooding affect- d at Gibson City	Orange City Sioux Co.		4:30 A	hail	fell o	0 most	0 of	5 the to		Thunderstorm (Hail)
	caus	era Cour	ty.	early h win	all a ar	of t	he da	mage cent	to property was		tree		g hous	es, de	ting	auto	p obile		doing extensive
	in V	ermilier ding con	Cour	in Da	e Ed	gewe	ed Co	mmens d 350	apartment	5 N. Audubon Audubon Co.		5:00 P	1		0	0	4	0	Tornado
	Sher	ping Cer	ter v	tas har	d hi	t al	ise. 1	1th t	e Heliday Square he strong winds eral reefs. The	Audubon Co.	path	ado touche and touch ipated.	ed down	n in n	arby	open	field	Tor	skipped along nado lifted and
1	MOLT	neast 50	ncol	had a	dame	ged.	Tool	and s	everal mebile In Theater lest industry in Dan-	4N Aurelia	23	5:30 P	1/2	10	0	0	0		Tornado
										Cherokee Co.	Torr	ado touche ted. Torr	d down	brief. s movi	y in g ENI	corn . N	field dama	pefore ge was	lifting then dis- reported.
	pany plan	hard hi	t was	Denv	lle er	Indu	stric	s, a	Another sem- railear repair f was tern eff,	2W Newton on I80 Jasper Co.		8:30 P tning stru	ick mot	orcycl:	l st's	0 helm	0 et kil	0 Ling h	Lightning im instantly as
·	larg	e everhe	ad de	ers f	rr	ilre	ad ca	a in	or damaged and re blown som-	77.1.379.4.9		as driving							·
	Fere	in the	Danvi hieh	lle at	ea,	and	were	broug	of the injuries ht about by the	KANSAS		SEE END	OF T	ABLE					
	from home	miner f	ires.	One v	eman Ver	Was	inju	red w	hen her mebile endened in Dan-	KENTUCKY									
	FLOM ATTT	e in Ila ned at D	en-Il envil	le His	atre	ets. heol	One	14-ye	or eld boy was	Oldham Counties	A st	8 PM EDT						rson	TSTM
	Verm	ilien Ce Large	unty,	and v	in	euse dian	d by	large	t entirely te hail. Hailsten- ted an area of		serv	01dham co ice to 15 ler in th	00 hom	es. Hi	gh wi	nds t	lew ov		untv.
	mile:	t 30,000 northw	est e	s. Hai f Danv	l eu ille	t a and	exte	fren	about 4 to 5 at least as far from about a	Harrison County	15	Evening					4	4	High winds
	mile Inte	nerth e rstate H	na st f the ishwa	Vermi	ne t lien	Ceu	c cas nty A	t and irper	from about a t south to		Stro	ng winds derstorm	estro	eted wi	th a ern i	sever n Cyri	e thiana		
INDIANA										LOUISIANA									
West Central Indiana		_			0	0	6 ⁰	7	Wind, hail	SOUTHEAST AND SOUTH CENTRAL PARISHES	4-6				0	3	7		HURRICANE "BABE" TORNADOES
	east	uster of through storms	Central	India	a du	ring	the ev	ening.			Rive	E" approac r on Sept.	4; dr#	fted we	stwar	d of	shore.	then	
	crop was	damage be reported	cause from 3	of hai: /4 inch	and to g	wind olf b	s, Ha all si	il ze				hward duri Pt. au Fe						coast	
· 	obse	eter While rvers say) minutes	high	vinds w	ere s	ıstai	ned fo	10			up n	orly defin ear Napole	onvill	e in As	sumpt	ion	arish	during	
	a so	utheast li outhwest	ine fro Marion	om north	hern Ci	ermi ties	llion along	County the			on t	morning an ne coast s ne well de	outhwe	st of M	organ	Cit	. This	cente	r
	track crop	k who suf damage i	fered nclude	Rileys	dam ourg,	ige a Gess	s well ie, Ru	as ssel-			wand duri	ered over	St. Ma: , then	ry-Iber late i	ia -S n the	t. Ma day	rtin I it bes	arishe an	8
	Craw:	e, Wavela fordsville le home o	. Pr	operty	tamag	e ind	luded				abou abou	northeas 9PM and	tward	and pas	sed n	ear 🗜	aton 1	ouge	
	sever	ral homes ed off, b	had p arns a	ortions nd outb	of tr ildir	neir ngs w	roofs ere fl	atten-		•	midn BABE	lght. was a sto	rm tha	t hecam	ا	inim	l hor	lcano	
	ed. Tree:	The larg	hail ooted	also c	used ed or	prop	erty d ped of	amage. f.			for :	only a brid effects we	ef time re lim	e while ited. T	it w	as ov were	er the	water t just	
	\$5.10	estimate 5 \$6 mill ion in pr	ion wil	th an a	idit.ik	nal!	\$2 to	\$-3 I			east Lafo	of the centrickers	nter di erson l	ver sou Parishe	thern s. Ba	Tert you P	ebonne etit C	- aillou	
	exter	ion in pronsion age crop and ds hit by	it not	ed that	as ma oybear	ich a	s 40% re los	of the		1	MSL.	codrie ha The remain on Parish	er of	the Lo	uisid	na co	ast fr	om	
	fiel	ds hit by	the s	torm.	Ī	1	-]		1		the	hores of	ake Fo	ontchar	train	, had	tides	in	

										<u> </u>									SEPTEMBER 1977
		н	Ξ			OF	ESTIMA	TED				ы	Ŧ		NO.	. OF	ESTIM	ATED!	
		ζ	PATH	E		SONS	DAM					ζ.	PATH	Ę		SONS		AGE	
PLACE		물건	P 8	28			-		CHARACTER OF	PLACE		នុក្ខ	P 85	₹ <u>8</u>		_	>		CHARACTER OF
		TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	۾	ᇣ	PROPERTY	<u>ر</u>	STORM	,		TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	ا ۾ ا	æ	PROPERTY		STORM
1	DATE	TAN	ដូ	50	KILLED	INJURED	ROP	CROPS			DATE	TAN	N S	<u>E</u> _	KILLED	NJURED	ĝ	CROPS	
	۵	F ¢o	<u> </u>	>	Ī≅	_≊_	ă.	ס			△	L Ω ⊢	13	≆	Ī	Ľ	_ K	ŭ	
LOUISIANA (con	ıtinı	ed)	1			Ī	Ī	- 1		LOUISIANA (cor	ntinu	ed)							<u></u>
20010111111 (001	1	١ .	<u>.</u>		L	_,,]		_	ļ	Northern, Central		9 AM to	1		0	0	4	0	Severe Thunder-
		rts from l cane for								Western Parishes		3 PM							storm and High
	oast	Guard sta	gtion w	ere fro	n the	Bout	heast	53 արհ	·]		High	winds cau	sed mi	nor dam	age i	n mar	y plac	es.	Winds
	at 1	30 AM, Se heast 39 m	ep.ə.b zph.La	norgan (kefront	Airs	ceam ort i	n New	ned Orlean	s	1	Tree	were kno outages	cked d	own, ro	ofs 1	ost s	hingle	s and	ŀ
1	note	& a peak a	gust of	f 44 mpt	from	the	southe	ast.			and 1	ake Charl O miles s	es, M	onroe s	nd ne	ar Wi	nnfiel	d	
	Unof	Ficial rea	adings ing nea	or bu-t	ot an	d 50	mph fr	on l			and :	0 miles s	outh o	f Colum	bia.	Mont	oe rep	orted	
	Houn						.		-		60 m	to 54 mp h at Nort	n at t heast	ne airp Louisia	na Un	ivers	ity.	s or	
	Dama	ge surveys	s by Re	ed Cross	list	ed 1	house	destr			14	12:10 AM			0		,	,	Tornado
1	oved	6 busine	elsвes,	31 home	±s and	l 69 n	obile	homes								"	7	ľ	Tornado
1	from	wind and	water	along t	the co	lasta1	. paris	hes of				mado touc miles eas						ria,	
	Terr	ebonne, La	afourcl	he, Jefi	ferson	, Pla	quemin	es,St.			frage	ents an a	nchore	d house	trai				i
	f100	ard and O: ding from	tides	pushing	into	bayo	us les	ding			dest	oying a s	mall f	rame ho	ıse.				
	from	the sout	d and	also fro	an lak	e wat	ers f	on the	·	Calcasieu Parish	19	10:50 AM	Brief		0	0	2	0	Small Tornado
	nort	h. St. Ta ht floodi	ng from	rarısı m Lake 1	nad a Pontch	evera	in.	s with	1		State	politon r	norto	1 toma	10 10	uchad	dorm	hriof?	
	-		1		1		.					police r five mil							,
		mption and shes repo							,			5:49 PM			a	0	0	0	Waterspout
	and	also some	acrea	ge of so	ybear	s tha	t rece	ived		1 '					•			ľ	uarerahour.
	25 t	o 50% dam	age du	e to wit	nd and	hea	y rait				Repor	ted south	east o	Lafay	ette .	Airpo	rt.		
		greatest							ı	Coastal Waters	24	7 AM			0	0	0	0	Waterspouts
		r the sto: ours and l												۔ یا			<u></u>		•
	inch	rains and	d at 1	east 6 1							occur	Isle Coa red durin	g the	our so	ith o	ever F Bar	aı wat ataria	Bay.	
	Lake	Pontchar	drain.	1				ļ								1			Untares
	East	Baton Ro	ge Pa	1sh had	five	bus	nesses	and		Jefferson Parish	25	5:30 AM	}		0	0	0	0	Waterspout
	abou mino	: 300 hom : damage	es with	urban	and 4 Loods	ng of	mes wi	th th			Water	spout ove	Bara	aria B	ly.				
	and	5th. A to	drnado	was spo	tted	by st	eriff	8		MATEUR									
	depu	ty south	qf Sla	ughter a	at 5:3	O PM	on the	5th.		MAINE	1	NO REPO	אז RE 	CE I VED					
		ngston Pa								MARVIAND .	ח מ								
	and Well	some powe er about	i line: 5 PM.	a down	due to	the	tornad	o near	·	MARYLAND & Federalsburg,	υ.C.	Late						0	Dein Tightuin
	1		١.							Talbot County	′	Afternoon			ľ		ľ	ັ	Rain, Lightning
	Tang	ipahoa Pa: rnado abo	us 5:1	ad over	\$2,20	0,000 d ov	1 in d	amages rees	 -		Thun	derstorm	ains	aused E	ome a	tree	flood	ing,	while lightning was
	and	a barn an	d sligi	htly in	ured	Dewe	Berna	rd				onsible for				abo	ut 20 j	percen	of the residences,
	abou	t two mile	of Hi	th of Po	ntcha	toul:	Creek	on do at		Deltales to the	١.		""" '				,		
	7:15	PM began	on th	e south	east e	dge ¢	f	i		Baltimore Metropolitan Area	6	3:00 p- 4:30 p			٥	0	4	0	Wind, Lightning, Rain
	Pont	chatoula :	and no	wed nort	thward the es	on t si	he gro	und he	l		Powe		affect	ed abou	t 30.	000	ustom	rs of	utility company
	busi	ness dist	rict.	Five h	omes w	ere 🕻	lestro	ed.			duri	ng a sever	e thu	derstor	m. W:	nds	stripp	d roc	off house, allow-
	Twen	ry-four h	omes,	three m	bile	home	, a la	rge			ing stre	water to pets in the	our in	to the	3-sto	ry b	rick di idle P	velling	. About a dozen eas were flooded
	and	38 homes i	minor .	damage.	Gene	Fer	ant wa	s			by u	p to a foo	t of t	ater. I	uring	the	storm	, a muc	slide occurred in
		italized y rains f									one ment	section, of and block	ausing a hid	a cont	truci	ion	crane	o slic	e down an embank-
	plac		Touch	ST. EEL] ""	Seve	ar bus			Southeastern Eastern	l	A.M. to			٥	0	4	14	Rain
	ľ	ammond, t	here =	ere sevi	eral -	eport	s of	rind		Shore Area	ľ "	Early A.M				ັ		-	
	dama	ge with o	ne tor	dado ab	dut 8	10 P	1.				Lou ·	oressure o	enter	moved n	brthe	ngt.vr	nd out	of re	rolines, bringing
	Seve of •	re urban ome resid	floodi:	ng reacl	hed th	e sec	ond fi	oor			very	localized	torre	ntial r	ains	throu	gh Bou	thern	Dorchester, south-
	hund	ome resid	n home	and e	ight b	usin	ss hou	ses			ern veat	Caroline a her static	nd wes	tern Wi reston	comic	o Cou	nties.	Two c	fficial cooperative 5.22 inches and
	rece	ived majo:	r dama;	gle; 204	homes	had	minor	damage	.		10.14	linches. I	еврест	ivelv.	пп де	IBB TI	an lo	nours.	An unorricial
		ashington							d		tota.	l of 11 in responsibl	ches w	as repo a Marde	rted La fa	from	LOSING	t Isla	nd. Standing water
	down	briefly :	in ap	asture :	in the	Rio	Commun	ity fence	. 1		swee	potato c	rop, v	alued a	t \$1,	500]	er acı	e. The	power company at ng its fuel tanks.
	then	skipped :	over 1	iles 🎍	north	westy	ard to	toucl	[Vien	na sustain	ed \$8,	000 dan	age t	0 di	es sur	roundi	ng its fuel tanks.
	down	again by	the P	lainvie	Chur	ch.				Ellicott City	13	7:15 p			0	0	0	0	Lightning
		autionary									*								-
		d to the : ion of St.										kouts for tning-caus				rs o	curre	due	o three separate
	Emp1	re; Jeffe	rson Pa	arish fi	ron La	fitte	south	ward;			Ι.		J. 200	101					
		urche and								Chesapeake Bay and Tributaries	26	All Day			0	٥	0	0	Tidal Flooding
	Chau	h of a lin vin to Son	uth Ber	nd. Lov	er Ca	петог	was a	180		2	Comb	ination of	favoz	able wi	nd co	ndit:	ons a	d unu	suelly high tides
	evac	pated. Re 6 parishe	ed Cros	as regis	tered	910	in st	elters	line		resu	Lted in fl rred in Ar	napol i	of low	-lyir ectio	g are	BB. We	ter se	veral feet deep nd, Dorchester
	work	ers. A to	dtal mo	dvenent	of pe	ople	back #	ron	***************************************		Coun	ty. Other	areas	affecte	d inc	lude	stree	ts in	Denton and Cam-
	10w-	lying are: oximately	as was	estimat	ed at	25-1	0,000	with			brid	ge.					·		
		of Mexic		LYCELS	100	***	-80 T	. cne		MASSACHUSET					١.				
Tangipahoa Parish	l _a	2:45 PM	0.1	15	0	0	3	0	Small Tornado	Pittsfield	2		ļ		0	0	3	0	Lightning
rengipanoa rarian	ľ		1						Small 10tMago		Two	houses ar	d a go	tage we	re h	t by	light	ring.	
	Witn	esses spoi	tted the	e funnel	, hea	rd th	e roat	and			Onl	y minor do	mage v	as done	to a	the g	vrage.]
	mobi	cover just le home, l	barn at	ore a sr nd split	tree	ornad s in	o dama area a	ged a		Sagamore	20				0	0	4	0	Lightning
	High	le home, i way 1064 (three m	on west	side o	f Tar	gipab	oa Riv	er			Lin	itning str	uch o	house "	ndon	cons	nucti:	1,,	
	abou	Luree m	Tes no	dren or	۲۰۰۰۰	٠,٥٠					nkn	ocking the	wall	and ce	iling	dow	."	<u> </u>	
West Baton Rouge Parish	9	6:25 PM							Funnel Clouds	Greenfield	27				0	0	3	,	Lightning
	Thre	e separate	funne	el cloud	s wer	e ren	orted	_{Бу а}					ļ	ļ,				-	agnanay
		in the							uge.	1	one	zhouses we y minor da	re hit	by lig	ntnir	g bu	susta	ined	
Orleans Parish	11	2:25 PM	1	1	0	0	0	0	Waterspout	1		["						
İ	1		L., .	L	1			·	F										
1	Wate	rspout reg		by publ	IIIC OV	er La	Ke Bot	gne.											
•	t	1	•			٠ '	'	,	,	•		'			•			•	

- 6

		.3	_		NO	. OF	ESTIM	ATENT	1				F		NO	. OF	ESTIM	ATED†	SEPTEMBER 197
		CAL	PATH	Ę		SONS		AGE				CAL	РАТН	Ę		SONS		AGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTÉR OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	XILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
MICHIGAN South Haven, Van Buren Co.	l Sig	l:25a hted alo	ft ov	er Sou	th H	aven			Funnel Cloud	MICHIGAN (con 5 W Saginaw, Saginaw Co.	19 Gol	3:00a f ball s	ize h	ail sh	read	led t	he le	C aves	Hail of field
Berrien Springs, Berrien Co.	l Tou	6:10p ched dow	1/2 n bri		0 proo	0 ting	l a do	C zen t	Tornado rees.	Guntier Grains		ps in th			,		_		
5 SW Dowagiac, Cass Co.	1	6:15p							Funnel Cloud	Gratior, Saginaw, Tuscola, Huron Southern Bay, and N Sanilac Co.	Hea str	vy rains eets, fi	of u	p to 3 and m	.75 any	base	ments	of h	Flash Flood e hours flooded omes and close due to
2 SE Cassopolis, Cass Co.	l Sig	6:05p hted ne a	r Cam	p Cozy					Funnel Cloud		fir	st floor	floo	ded.	v.s.	27	near	St. L	d the entire
Edwardsburg, Cass Co.	1	Between	6 an	d 7p.					Funnel Cloud		wat dam	er over	the r	padway	. M	any	cars	suffe	o five feet of red water lma, Bridgeport,
3 ESE Vandalia, Cass Co.	l Sig	Between hted ove			в.				Funnel Cloud	S of Whithall and Pontiac	26 37,	Early M	s and	busin	0 esse	0 s le	5 ft wi	thout	Lightning electrical
Sumnerville, Cass Co.	1 Sig	6:00p hted ove	r Sum	nervil	le.				Funnel Cloud		and ban	a wareh k air co	ouse nditi	in Sal oner u	ine. nit	ot in 1	her s hree	trike River	in Adrian, s damaged a s and a phone
3 NE Constantine, St. Joseph Co.		6:45p							Funnel Cloud		som Har	e transf	ormer	s were	đam	aged	thro	ughou	nes, fuses and t the area. rian, and
An area south of South Haven, Hamtramck ^L ine	Num		ornin rge s	g trikes					Lightning fuses, burnt ical service,	3 SW Hubbard Lake Alpena Co.								;	. Funnel Cloud
	to The to str gen	some 9,0 biggest the Cook	00 ho blow Nucl e str	mes an came ear Po ike sh	d bu when wer ut d	sine a 3 Plan own	sses 45 Ki t nea the c	throu lovol r Bri oolan	ghout the area. t line, leading dgmen, was t pumps of the	Ionia, Saginaw, Tuscola, Sanilac, and Huron Co.	of Som dol	percent beans in e beans lars in	the turne losse	pods n d blac . Up	ear k an to	the d mo	botto ldy, inch	n of causi es of	Wet Weather ced sprouting the plants. ng millions of rain fell
2 NW to 8 SE Grayling, Crawford Co.	fal	ling hun mercial buildin	dreds build a los	of tr ings i ing th	ees n Gr e en	and ayli tire	power ng su seco	line Efere	Thunderstorm ough the areas, s. Eleven d damage with oor. 20 homes st their the airport	MINNESOTA Pelican Rapids Ottertail County	3	3:15PM	8	*3	0	0	4	4	Hail hail and one
	and	a numbe	rof	cars a	und t	ruck	s wer	e der	ted by falling same direction.	5N Hutchinson	ind	to 1.50 nd. Most	inches	of rai	n in	BO mi	hutes.	Hail	did not cover
3 W Grayling, Crawford Co.	4 See	Afterno n by man		ple or	Lak	е Ма	rgret	he.	Waterspout	McLeod County	6 Hai:	5:30AM 1 1/2 to	- 2 inc	- nesin	0 diame	0 per k	0 illed	0 B7 Pe1	Hail icans on Todd
An area N of a Menominee, Petoskey, and Rogers City.	Mar		Morni and 1	ng ines d					Winds area. In blown down.		lare Hero Lake	Many bang bang bang kang bang bang bang bang bang bang bang b	rds in from l eat Eg: Dounty	jured hail sin rets we:	and c nce M re ki	rippl by 12 Lled	ed as , 1962 and ca	well. when ippled	icans on Todd Loss is the 130 Great Blue at Shields
	Fal Num thr	lin g tre	es sm ports the a	ashed of tr rea.	one ees	gara down	ge an on c	d daπ ars a	aged others. nd trucks en, and Copper	Cook County	west	of Grand	Porta	e. Br	dges	over	the F	lute R	Heavy Rains nadian Border sed River
2 SB Flushing, Genesee Co.	It a b	arn. It	down then	moved	NE	of R acro	ss th	e Fli	Tornado destroying nt River	6N Park Rapids Hubbard County		royed and rmined. 6:00PM		of beg				ottage 4	s were Hail & Wind
	and des aft	20 vehi troyed. er heavi	cles The ly da	were d tornad maging	amag o li the	ed. fted Pub	10 o NE o lic L	ther f Pas ibrar	5 garages, garages were adena Ave. y building.		thro		d Cou	htv. W	inds :	of 65	moh a	nd hai	e-mile path I two to three round.
5 E Westphalia, Clinton Co.	17 Tou	injury 10:25p ched dow	.5 n bri	10 efly o	0 n Pr	0 ice	4 rd. d	estro	rea. Tornado ying a garage, me, and damaging	S. Half Itasca County	one seve	inch in di re lightn:	amber ng and	over So thunda	uthe r.	in Ha Cars	lf of damage	County 1, sma	Wind & Hail 1 1/2 inch to . Heavy rain, 11 buildings
2 SSE Blaine, St. Slair Co.	a t	12:25a		115	0	0	4		Tornado-	8N Palisade	and ing	bowling a roads.	lley ro	of dame	iged t	vith	many t	rees d	own block-
20.	mov a b in sid	ed NE ac arn and that are ing. On	ross destr a los e gar	North byed t t TV a age wa	Rd. hree nten s al	were out nas, so f	it t buil chim latte	ore t dings neys, ned b	Waterspout nt Rd. and he roof off . Three homes and some y a tree.On the	Aitkin County	to :	√2 mile w ity. Some	ide and trees	18 mile lay al	s lo lin	ng th a nor	rough theast	Northe direc	TORNADO a path 1/4 m Aitkin tion, while second time ic winds.
2 ENE Wheeler,	lin aft		torn	ado th ake Sh	en m	oved	out	over	rees and power Lake Huron Drt. Thunderstorm		Sour	wo years dwas lik head of c	a fr	eight t	rain.	No	injuri	tornad es rep	ic winds. orted but
Gratiot and Saginaw Co.	Str dow dem and tip a c dam	ong wind n trees olished a well hal vehi hurch un	s cut and p near house cle o der c est o	a jag ower 1 Wheele . A s vertur onstru f Swan	ines r al ilo ned ctio Cre	. A ong was in M n wa ek a	thro hors with flatt erril s fla larg	e tra sever ened . Ea ttene e cor	he area knocking iler was al out buildings and a recreast of Hemlock, d and a barn n crib was										

		CAL	PATH	H	NO. PER	OF SONS	ESTIM. DAM	ATED [†]				CAL	PATH	HT.	NO. PER		ESTIM. DAM	ATED [†]	_
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS .	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	מורנים	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
MINNESOTA (co	ontin	ued)								MISSISSIPPI (co	ontin	ued)		- 1		Ī			
Nwin Cities Metropol- itan Area	'									Pass Christian, Harrison County	5	1:20 PM	1/10	75	0	0	5	0	Tornado
Hennepin, Anoka, Ramsey, Dakota, Wash-											1 1				ane E	abe t	1	ldown	briefly at the
ington Counties	8	8:00PM	-	-	0	0	5	0	Wind		Norti after	Street E	lement e the	ary Sch school	ool i was v	n Pas acate	s Chri	stian the La	briefly at the during the early bor Day holiday.
									5-County Area proximately		One 1	ving of th	e scha	ol coll	apsed	com	letely	demo]	ishing one room
	21,0 with	00 homes	mostly Hea	Souther	on An dama	oka d qe ea	bunty, stem	were suburt	temporarily s. New home orn from		hitt	ing the so	hool.	Total	damag	e \$29	0,000.		d shortly after
	move	d off fou ings Minn	ndatio	n Cotta	ge Gor Hio	ove. me un	Sailt der co	oats t nstruc	orn from tion at	Elim, Clarke County	6	6:30 AM			0	۰	3	0	Tornado
	Farr	ington fl	attene	d by wi	nd.							-	o, spe	wned by	the	remna	nts of	Trop	cal Storm Babe
Two Harbors Lake County	9	12:38PM	_	_	0	0	4	0	Wind		caus:	ng minor	damage	to pro	perty	and	uproot	ing to	cal Storm Babe s east of Quitma ees. The Elim
IBIC Waity	1		a 70 m	oh tipo	•			to doo	k, plunging		Bapt	st Church	and p	arsonag	e suf	fered	minor	damag	e, as did the nd Crandall
	100	ton const	ructio	n crane	into	28 I	eet of	water	k, plunging Many ishing boat d smashed errupted		comm	mities.	Total	damage	less	than	\$5,000	•	
	at I	arble Lak	e move	da qua	rter	mile	and st	staine ce int	d smashed	Biloxi, Harrison County	12	8:50 AM			0	0	٥	0	Waterspout
	for	several h	ours.							,	The	public rep	orted	a water	spout	off	the B	loxi	coast.
Osseo Vicinity	9	3:15PM		_	1	٥	0	0	Wind	Waveland,									
Hennepin County			- -						ad killing rider.	Hancock County	1	2:05 PM			0	0	0	0	Waterspout
	WILL	те птежов	DS OF	O Wint	; ************************************	س	June	J. S. E.				Hancock Co Waveland			fense	rep	rted	wate	rspout offshore
Cologne Vicinity Carver County	17	10:30AM	-	-	:1	4	0	0	Lightning	Indianola,		·							
	Ligh	ning stru	ck met	al roof	wher	e fiv	e squ	rrel l	unters had	Sunflower County	13	3 PM			2		0	0	Lightning
	sough	nt shelter mer treate	from	storm.	One	kille	d inst	antly,	3 hospitalized,										ning struck a tre instorm near a
Fertile Area											play		the So	uthgate	sect	ion (f Ind:		A third boy
Polk County	18	10:10AM	1	-	1	0	0	0	Lightning	Jackson,		,							
	Man I	illed by	Lightn	ing str	ike w	hile	fishir	g at 1	ulaby Lake.	Hinds County	13	L PM			0	0	0	0.	Funnel Cloud
SW Cook & SE Lake Counties	23-2	5 #	_	_	0	0	6	0	Heavy Rains		on H	Lghway 49	in the	Richla	nd co	mmun.	ty mo	ing n	s south of Jackso ortheast. Two
	Heav	rains be	gan th	e eveni	ng of	the	23rd a	nd las	ted until		sepa	rate report	ts fro	m the p	ubli.	wer	rece.	ived j	ust a few minutes
	earl fell	on the 2	5th. and to	A rathe	r lar es no	ge ar Inthea	ea of	six in taior o	idhes or more iamage to	Jackson,	•						-		
	brid	es and pa	venent	along	Highw	(ay 61	Lobue 1	o higi	water condition record high	Hinds County	13	14 PM			0	0	40	0	Wind
	stac	s. Count	v and	rederal	road	s in	and fo	om Lai	e Superior ng unknown.										d gusts to 70 mph erstorm moved
				1							nort	heast thro	ough p	rtions	of Co	piah	Hind	, and	Rankin counties. Jackson area
	ļ										exce	pt for the	Brane	on Acad	emy v	hich Also	had to	ne roo	peeled off the ater in Jackson
SE Nobles County]		auf f	bred a co.	11apse	roof	turing	a s	how, b	pt no	injuries resulted
SW Jackson County	30	MILD	-	-	0	0	4	4	Heavy Rain		were	downed, o	ausin	scatte	red p	ower	failu perien	res. ced mi	s and power lines ThesCrystal Sprin nor wind damage.
	15:00	PM (17-hc	in str	mm). He	bvies	t am	dunts 1	ere s	tinuing until ix inches just		Some	minor str	were	coding	also y lia	occu htni	rred i	n Jack otal d	nor wind damage. son from heavy ra amage in Hinds
	east	of Worth	ihoton,	and fi	, lve tα	six	inche	s thro	gh Southwest indexpass and		Cour	ty \$25,500	o. Dau	age to	the s	choo	l in B	randon	\$24,500.
	stre	et floodin	ng and	some ba	semer	t fl	ooding	Som	soil erosion	Carthage, Leake County	13	5 PM			٥	0	4		Wind
E, of Lake Shaokotan	-		Ţ	7	1					-	1		dersto	m that	•			1	also caused
Lincoln County	7	6:00PM		İ		1		l l	Funnel Cloud		cons	iderable :	damage	as it :	hoved.	nort	heast	through	n Leake County ed and destroyed
IN Brainerd Crow Wing County	8	7:22PM	Movi	ng east	ward.	·			Funnel Cloud		in i	he Wright e in Cart	Sprin	s commu	unity off	near and	Madde	h. the	roof of a food were downed and
N. of Remer											spli	ntered.	Total	damage	15,0	jo. "			downer and
Cass County	8	9:50PM	Movi	ng nort	heast	ward.	-		Funnel Cloud	Corinth, Alcorn County	13	5:30 PM			0	0	0	7	Hail
15NW McGregor Aitkin County	, 8	11:15PM	Monri	ng nort	heast	want			Funnel Cloud				hail	Was re-				1	tions surrounding
	"			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	اصاحا	T]				Cori	nth as a hern Miss	line o	heavy	thun	ierst	orms m	oved e	astward across
MISSISSIPPI				ļ					[Waveland,	"		T-2-PP.	ľ					
Horn Island, Jackson County	3	2:25 PM			0	,		0	Waterspout	Hancock County	15	7130 AM			٥	0	0	0	Waterspout
- As a sound	1	1	was re	corted 1	-	•	ľ	1	kson County		Hano	ock County	Civi	Defens	e re	orte	d a wa	terspo	ut south of
	Disa	ster Serv	ices o	er Horn	Isl	and m	ving	est.		Guatier,	,,,,,,,								
South Mississippi	5,6	 .			0	٥	3	3	Hurricane Babe	Jackson County	15	2:50 PM			0	0	5	0	Lightning
	Mini	nal Hurri	cane B	B AM on	d asi	ore	n sou	theast	Louisiana near to a tropical		Ligh	tning str	ck a	ome in	the S	eacl	ffe a	rea of	Gautier. The
•	etar	a shortly	after	Dondfal	ih.	The o	tom n	dered D	drtheast across		dama	ge \$50,000	ļ. "		-107	eg wil	on 108	conte	100al
•	stal	ling. Bal	be spar	med sev	eral	smal	1 torn	adoes;	eridian before two in MS on the 6 6th and weak- d brief minor cock and western	Pasagoula, Jackson County	10	9:15 AM		İ					V-4
	enin	g further	Hear	y rains	and	high	tides	Cause	d brief minor	ownson oddity			10.00		0	0	0	0	Waterspout
	P7 ~-			CC		≖ aec	ATOMS.	պ. ⊓an	woon mid western	1		- normand (٥١٠ سي	haula Le	COPTE	G A 1	MATERS	anut. d	stant south of
	Harr	raou comu.	UDLOS O	դ եռաժ թա	A uru	g or	une ot	n. ot	ayong winds in [Pasa	goula.	1	\		-	,		}
	thes	e areas k trical ou	nocked tages.	down a Howeve	few er, n	o wear hower e or	lines ther r	causi elated	rong winds in ng scattered deaths or injuries nd water are not		Pasa	goula.							

	, ķī	PATH HA	PER	D. OF E	STIMA DAMA					;AL	PATH	E	NO. 0		ESTIM/ DAM		SEPTEMBER 1977
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF P. (MILES) WIDTH OF PAT	(YARDS) KILLED		PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)		INJURED	PROPERTY	CROPS	CHARACTER OF STORM
MISSISSIPPI (conclination, Hinds County	24 10 PM	1 330		0 1		0	Tornado	MISSOURI (cont	22 Flor	4:30 pm	? struc	? k and k	111ed 1	0 T	0 ightni	O ng as Lamar	Lightning ne walked toward
Jackson, Hinds County	28 3:35 PM	st across mostly 25 its path. r damage.	the Miss to 50 f Sever Total:	sissippi t. off t al homes \$50,000. 0	Cold the grand	ound, build	ampus. The smapping off tings in Clinton Funnel Cloud	Marion County (Adams County, 11.)	vas hous sway were	where it broken of e, breaki , leaving damaged	ience struc f abou ng out the c and de	k the p t 3 fee a wind ontents bris sc	tornade ropert; t from on the attered	the the e great even	Mrs. groun arage ound. erywhe	ora Go d. It was bl Other re. 1	Tornado rth of Monroe sney. A huge tree fell into the wan completely farm buildings he tornado seemed very 100 feet or the air. Several re hit, with
MISSOURI Rothville, Chariton County	Terry moving mov	7 ? al Rothvil	O le was s	O struck b	4 y lig	0 htnin	Lightning g and was con-		ings ued Miss dams Adam	dings, ba , includi northeast issippi R ge was in is County. 3 miles i	rns, h ng a b ward, iver w the n Of t	ouses, arn, we two cam ere blo orthern he tota nois.	end tre re a to ping to wn into section I path The sho	reile reile o the on or lengerifi	damage loss. ers lo e rive f Marb gth, l f at P	As to As to	ny of the build- ne tornado contin- 100 feet from the le last trace of Illinois, in swere in Missouri reported that
Irwin, Barton County	hay stored in	rted a fir the barn.	e that d	destraye	İ		Lightning ad 300 tons of	South Mound City,	one 23	looked li time, sev arnd 6	ke two en oth ?	tornad er funn ?	pes flo	oatin ids	ng alo in the	area.	ether" with, at
Buchanam, Jacksom, Platte, Clay, Ray, Lafayette, Johnson, Charitom, Carroll, Howard, and Saline Counties	12th and into serious flood Greater Kansa a 26-hour per	inderstom the 13th ing condit s City Net iod (Sept.	s occurr produced ions and ropolits	ring et d record d death an area.	rain and d Tot up to	fall estru al ra 16 i	Flash Flood te times on the that resulted in ction in the infall amounts in nohes in Jackson		from and Div	ong winds cum roof, the post other dem ision. A ter porch	and who see a see	e Mound A fuel tree wa fell.	City : tank : s down	Eleveras Ted so	ator s topple nd dam r dama	ustain d at t aged t	on of the Bepot d and torn loose eb broken windows he Youm Fuel he corner of the reported. Wind
	County. The in amounts up of the Kansas deaths were r a sunny moved through that was come area produced to 9 pm om 75 serious flash and southern Mo., from 8 p coursed in the Club Plaza Sh coursed in the Club Plaza Sh came when a believed to b tated the 600 sidered total Brush Creek o accounted for deaths occurrend 20 deaths alone, Red for homes had mit miner damage damage or wer the damage at as \$1.5 milli impdated in the Bundreds of the summer o	first deluction of the Ennsa ported. afternoom the Ennsa ported. afternoom the Ennsa partented of up to 5 i ound alrea flooding Tyandotte e until af vicinity opping Discrete of a nature block of losses. Tadjaent I of losses of losses of losses of losses of losses of destroyed the losses of th	ge occuments, and the service of the	red from flass of the control of the	m 12 h flooring the storm of th	an to odding under odding under odding under of the new of the new of the new odding o	o am and resulted to cocurred in parts storms, but no cocurred in parts storms, but no in developed and A cloudburst he Kansas City period from 7 pm ing raims. heastern Johnson heakson County, sh flooding octive's Country teerious property Plaza. What was fire that devasenesses were comrecored from rate of automobiles flooding. Four smooth Co., Ke., In Kansas City og: 221 private ses 50 apartment mobile homes had sees had major estimated as high its banks and flooded, subg Mussouri River	Chillicothe, Livingston County Macon, Macon County Miller County Hickory, Polk, Greene, and Christian Counties	Chi: rip Sev. ser 23 Str Jon sev. wer 24 Thu roo: tri dam near and the the lear ant of i 26& 27 Rair str in j Lynt Lynt	red from i real busing vice was i 10:35 pm mg winds se farm, i real large se also dem arnd 12 am derstorms f and dook al service ge to out Tuscumbi blasting ing and an patio roo high wind ing a hol mm were he barn w 8:45 pm 3:30 am ifall of m arns and d messes an ice Dedrick be Dedrick	Nearl ts mov sses nterru r in a i trees aged, r with damage add-c f on t as and e in t as ar r r r r as trees and r r r as tree add-c r r r as tree add-c r r r as tree add-c r r r as tree as and a a as a and a a a	y half are the ting a suffer a	of a l. d wind downer d wind downer of the camperied a camperie	arge sed a sed a sed a sed a sed a self- s	amage, mes. 4 oyed a or off offi ells a an ei 4 across f lake the ho tropert ng bur the ho feed 6 7- ting tri ting tr	and p O garage the t Cles ghth c O s Mill of th weet y dams wind te Pat more va Tete Tete Tete Tete Tete Tete Tete Tet	n downton in town was swalk and street. Wind e on the Cleo ouse, and uprooted ver's Camper Sales f a mile. Wind er County, leaving to Carks, elec- rees and limbe, rees and limbe, rees and limbe, rees off an terson residence, shipped off by of the house, ma and GB base he sheet iron roof ned over. Severe Thunderstorm Flash Flood riod turned local o causing death, and flooding is hardest hit. is drowned when
Fayette, Howard	and Buchanan tance. An es left homeless for agricultu 18 mrng	ter declar Counties e timated th . In addi ral relief	red Jacks ligible tree to i	son, (la for fed four the ounson C	y, Fi leral xusand county	disas fami was	Lafayette, Ray, ter relief assis- lies had been declared eligible Lightning		Street students of the street	et to a sient, was intunder. when high pringfielder. The Pringfielder, winds	oot 50 njured Score h water d and age St ed by broke	to 75; when si s of per r force other si reet Per fire af windows	yards a ne attersons to them ections tecosi in a d	may. empte to s of al C htmi	Deb rescu stall. South Church ing stall tory	rescue d fro Ligh rest M in Sp ruck t and in	mder Kearney mass, another Lynn and was also their stranded ming sparked fires issouri during the ringfield was the building, the library at
Aurora, Lawrence	off the roof fire for more 18 8 pm	than 90 m	g heavy inutes.	fire da	mage.	Fir 0	ng the shingles emen battled the Lightning a fire in the		Poli serv wate west	Counties ice was d r and dam Baptist a large	largisrupt age. Collegioak tr	etrees ed, and Some live e in Bo ee crass	were to county restock ivar, hed the	ros ves Polk	over, ds wer lost	power re clo A s y, rec	and telephone an
Stoddard and North Dumklin Counties	phermacy offig was suffered. 19 2 am Strong winds foot section turned over a downed. One fell on it. business esta was heaviest to corn, sorg 21 arad 4 pm	re and dru htning dur ? ? in a thund of the Bro h unoccupi recreation A large pl blishment in souther hum, and c	g stores ing the On Man Shoe ed mobil al vehica at Campb n Stodds otton fi	room. T same st O tore th Factory le house cle was swindo sell in and sields st	aree orm, 4 e roo in Be damage w was Dunkl	other but of fing ernie, ed wh blow in Co ern D d by	houses were nly minor damage Wind off a 30 by 100 The wind also Many trees were na large branch n out of a Crop damage miklin Counties	Stoddard, Butler, and New Madrid Counties	High Stoc was ceil floc cult wind line root heat	arnd 1 winds in dard Count hit hardeing, and ir. Damag- ural Buili ows in the s, and man ed and or illy damag- led radio mfield wh	a str ty. T the dr to tiling a builing out ashed ing the anten ich der	it. S dows. ? mg thum he berte he wind iving r he gym hiso was iing. building muto the garage ha tower haged a	oderstoer Right tore thin spector was damage felled as were garage. The car be	O orn con Scholae s he sked as he street dam	aused tool in the 2-savy. winds as, in the indicate in coldary in the indicate	consider the constant of the c	Wind Wind Wind derable damage in ity's west end in the gymnalum ld hardwood cartional Agri- about half the downed power ge tree was up- ee residence, ee recently in-

	1																· ·		SEPTEMBER 1977
		OCAL	РАТН	HTA (OF SONS	ESTIM DAM	ATED†	CHARACTER			OCAL	PATH	HH.		OF SONS	ESTIM. DAM	ATED!	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PAT (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
MISSOURI (cont	inue	<u>d)</u>								NEBRASKA (cor			[
Putnam, W. Khox, N. Lewis, N. Adair,	30	11 am- 12 pm	?	?	0	0	5	4	Hail	Phelps and Kearney Counties	8	8 PM			0	0	3	4	Damaging Winds and Hail
and S. Schuyler	Hail mobi	um to be	seball cars,	size c	aused adows	cons:	iderab insur	le dan ance s	age to houses, gent in Williams-		rep	ty MPH wi orted 4 r e limbs r	iles	south o	f Ke	arne	. Br	oken	
	town had	, Lewis C been file	ounty, I with	his co	ed th spany	at an	estin in thr	ated \$ ee day	s. A farmer west			alf inch							
	with	part of	the ea	orted e r remai	nre o	f com	brok stal	en com kand	pletely in two, the other beaten	Gage and Lancaster Counties		10:00 PM			0	0	3		Lightning
	into	the grou	na.									e caused und Blue							ıln.
MONTANA Rosebud County	5	Evening			0	0	0	0	Funnel, Hail	Saline County	10	8 AM			0	0	2	0	Lightning
		nnel was : ge. Smal						isipat	ed with no			htning da Friend.	maged	a home	and	tel	ephone	serv:	.ce
NEBRASKA	1									Buffalo, Hall,	11	5:20 PM			0	7	6	7	Damaging Winds
Franklin County	1	7:15 PM	1/2	10	0	0	3	٥	Tornado	Adams and Clay Counties	Som	-8:45 PM			4500				and Hail
		ado touc		wn bri	efly	near	Rive	ton			to 3	re thunds inch hai 3 miles	1 and	60 to	90 M	PH w	nds c	lta	
Webster County	1	7:30 PM			0	0	0	0	Funnel Cloud	•	nea	Pleasant	on an	i exter	ding	SOU1	heast	1	
	Funn	el cloud	repor	ted in	Red	C1ou	i area	ļ.			Exte with	nsive hai	l dam al lo	age to ss case	crop	s and	vege	tation res o	
Hall County	1	8;45 PM	1/2	15	0	0	5	0	Tornado	ļ	dama	s affecte	exten	sive br	oken	glas	se. W	inds	
	Torn	ado touci d Island	ned do	wn in ing fi	veste ve b	rn e sine	ige o	nd			repo	ed many unted near tings and	Shel	ton and	2 i	þch l	hail a	.t	
		s and po	ver li	nes we	١.						10 i	nches wer	e rep	rted a	fter	the	storm	-	
Seward County		10:35 PM			0	0	0	°	Funnel Cloud	Adams County	11	6:30 PM			0	o	o	٥	Funnel Cloud
Washington County		el cloud	repor	ted ne	0	O	4		Lightning		Funt	el cloud	repor	ed 7 m	iles	wes	of H	asting	s.
		tning st	arted	fire a	1				219	Adams and Clay Counties	11	6:35 PM	1/2	10	0	0	4	3	Tornado
		Blair.					_				Has	nado touc tings and	agair						:
Perkins, Chase and Dundy Counties	2	5:00 AM	ated	DOWNET	0	0	3 R	0	Lightning	Various County	dar 11	aging hom						_	
	and	Grant al	ng wi	th des	troy	ing a	barn	near		Kearney County		8:00 PM	1	rd 1 an		0	3 h hai	5	Damaging Winds and Hail
Hall County	2	Afternoo			0	0	3	0	Lightning		rep	orted 4 m							
	Ligh	tning cr	eated.	power	outag	es a	ndaı	umber		Kearney and	11	9:25 PM			0	0	3	4	Hail
Douglas County	2	5:30 PM	ьгало	rsrand	o	1	0	0	Lightning	Franklin Counties		inch hai		rted a	t Wil	cox	and H	ldret	h
	Ligh	tning st	ruck a	nd inj	ured	golf				Thayer County	11	Bvening			,	0	3	0	Lightning
Antelope County	2	11:40 PM			0	0	0	3	Hail			e created		ghtnin	g des	troj	ed a i	arn	
ļ		and thre	-quaz	ter in	ch ha	il r	port	d nea	ļ ļ	Cheyenne County	nea 16	# Alexand				0	4		D
Gage County	3	3:30 AM		İ	0	٥	3	٥	Damaging Winds	Gleyeline County		ds damage		eguip	1			3 6 mil	Damaging Winds
	Strok	ng winds e tree l	damag mbs r	ed far ear Ad	n bu:	ldin	gs am	4			sou	theast of	Sidne	у. `					
Pierce County	4	7:10 AM			0	o	4	o	Lightning	Nuckolls and Thayer Counties	16	9:45 PM	1		0	0	0	0	Funnel Cloud
	Ligh	tning de	stroye	d barn	near	Osm	ond.					erior and							
Cheyenne County	8	3:30 PM			0	0	4	٥	Dust Storm	Otoe County		12:20 AM			0	0	0	0	Funnel Cloud
·		ing dust rauto a			ibil:	ity c	ausin	g a.				funnel o	louds	were s	ighte	ed be	tween	Dunba	*
Holt, Rock, Boyd, and Brown Counties	8	5-6 PM			0	0	3	o	Damaging Winds	Cass and Otoe	17	1:00 AM			0	o	3	o	Damaging Winds
		derstorm king tre									Str	ong winds	uproc	ted tr	ees a	nd t	oroke i	tilit home	and Lightning
Pierce, Wayne,	8	7:30 PM			o	0	4	0	Damaging Winds	Gage and Saline		Beaver La 2:30 AM			0	0	4	0	Damaging Winds
Madison and Boone Counties	Thur	derstorm	proc	ticed 6	to	70 M	PH wi:	ds.		Counties		h winds d	шадео	a chu	-	1	1		Damaging Winds
	alor	dings we g with a k. Norf	boat	were d	amage	erce. ed at inde	Batt.	es Le			at Hil	Beatrice,	and f	arm eq	ipme	nt a	Plea	sant	
Dakota and	8	7:40 PM		T 30 M	0	0	5	0	Damaging Winds	Sarpy County	23	3:00 AM			0	0	4	0	Lightning
Thurston Counties	Sixt	ty to sev	enty 1	OPH win	ds we	ere a	ssoci	ated				e started	by li	phtnin	dan	aged	farm	build	ings
	and	severe	de dar	naged i	n the	Eme:	son	rea.		Butler County	23	Afternoo			0	0	3	0	Damaging Winds
Antelope, Stanton,	8	lity and Evening	1	штаде	also	nea:	Waki 3		Lightning		Str	ong winds		ted tr	es i	n Da			
and Colfax Counties	Ligh	tning st	arted	hay fi	zes d	1		O	er du rurud	Hayes County	29	6:30 PM		5	o o	o	0	0	Tornado
	Pilg	er, Howe	lls ar	d Elgi	п.						Tor	nado repor t of Haye	ted 1	o mile	nor	th a	ad 20	miles	
ļ						ļ]	[1	["	1		

	_	-1	Ε	_		. OF		IATED†	1		<u> </u>	12	E	Γ		. OF		ATED†	SEPTEMBER 1977
		800	PATH	¥ G	PER	SONS	DA	MAGE	CHARACTER			0°C	PATH	¥ (2)	PER	SONS	DAI	MGE	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
NEBRASKA (con	ntint 29	ied) 7:00 ₽м	Short	Natro	1	0	0	.0	Tornado	NEW YORK (co	ntin	ued)					1		
nayes country	1	1 tornade		rted 4					Ioinado	Cattaraugus County Dayton	1	2PM A bolt o	f limh	hnino s	0 truck	2 a tr	0 ee in	D a wood	Thunderstorm pd area where
	Haye	s Center										four chi	ldren	were pl	уіпд	and	two we	re ser	iously injured.
Hayes and Hitchcock Counties	29	7:00 PM			0	0	5	5	Hail	Chautauqua County Dunkirk	13- 14	Night Torrentia	al rai	ns caus	0 ed ex	0 tensi	ve flo	D dam	Heavy rains age to a
	Pali	inch hai sade with	smal	ler hai	il in	town	Tw	o incl		Chautauqua County	18	restaura Afternoo	1	moter.	0	0	06	С	Thunderstorms,
,	hail and	at Culbe	rtson	. Dama	ge t	o exe	ps, v	ehicle	s	Fredonia Area		20-to-25	homes	and 10	-busi	nesse	s were	damag	Heavy rains ed by flood
Hayes County	29	7:00 PM			0	0	4	0	Lightning	Northern Cattaraugus	18	waters fi 430PM-	rom Ca	hadaway 100	Cree	k.	06	C	Tornado
	Ligh	tning sta	rted	range	fir	es in	the	count	y	and Southern Erie Counties		450PM A funnel	cloud	touche	d dow	n mai	nly o	1	her elevations
Boyd County	resu 29	Iting in Evening	Toss	or nay	and 0	pastu	re.		Funnel Cloud	Gowanda East to RTE 219		The tree	and s	tructur	e dam	ege i	n the	Villac	the storm, e of Gowanda was
Boyd County		el cloud	repor	ted nor		-		"	runnel Cloud			East was	prima	ily to	tree	s and	relat	ed to	e damage to the Tornadic winds,
Banner County	30	2:30 PM			0	0	0	0	Funnel Clouds			Cattarau	gus Co	inty at	abou				Northern produced by the
	Funn	el clouds	repo	rted ea		,		l		Erie County	26	same thu	noerst	orm sys	o O	0	°6	С	Heavy rains
			^							Areas adjacent to Cayuga, Scajaquada,		Torrenti: banks.	al rai	hfall s	ent a	lread	fy swol	len cr	eeks over their
NEVADA			NONE	REPOR	ובט					and Ellicott Creeks Erie and Niagara	29				0	0	06	c	Heavy rains
NEW HAMPSHI	RE	NO R	 EPORT	RECEI	VED					Counties along Tonawanda Creek					24th	and 2	5th c	sed d	elayed flooding , and crops.
NEW JERSEY		NO R	 FPORT	RECEI	VFD.														
NEW MEXICO		"								NORTH CAROLI	İ	Ì							
10 miles east of	4	3:45 p.			١.	1	0	0	Lightning	Polk, Transylvania & Henderson Counties	7&8						5		Flash Floods and Mudslides
Carrizozo, Lincoln County	L1gh	tning stru ecovered.	k boy	on hor	sebac	k in	huntir	ig part	y. Horse killed,		Seve	ral Boone	famil:	es wer	e eva	cuate	d alor	g the	French
Lovington Airport,	13	6:15 p.			0	0	5	,	Tornado		wate	d River w	A 20	0 ton :	ould:	er fe	11 on	J.S. 2	21 near
Lea County	Small	1	formed	near a				1	1 small hangers,		away	ing Rock.	Some	approa	ones	to br	tages	were w	ashed
	and o	aused con wind and	sidera	ple pro	per ty	dama	ge in	adjace	nt residential area+	Charlotte	16	2:30P	.2	7	0	0	4	0	Tornado
Farmington-Aztec area,	22	6:00 p.			0	0	3	2	Windstorm		A some	all tornad	o tou	hed do	n br	efly	in Ch	arlott	e damaging
				thunde	stor	n cau	sed ap	precia	ble crop and	Court None York			bulla	ngs.	POCAL	1	ge abc	0E \$12	
	struc	tural dam	age.						ļ	South Nags Head	20	4:20P	·			4		١.	Lightning
NEW YORK		NO BI	EDOD T	RECE I	VED						ligh	men were thing str	ck the	water	near	the	on a p pier.	ier wh	en
COASTAL		NO KI	CONT							NORTH DAKOT Oakes (Dickey County)		7:45 pm			0	0	0	0	Hail aloft
NEW YORK										(,		-	d wal		1			ĺ	ge reported.
CENTRAL OTSEGO, DELAWARE, TIOGA AND DUTCHESS COUNTIES	2	2:30 P-				1	4	•c	THUNDERSTORMS	Dickinson (Stark	8	Noon			0	0	0	0	Hailstorm
AND DUTCHESS COUNTIES	HEAU	5 P V RATN ST	BUNG F	TIVES I	TCHT	TNC	ND SU	NE REP	DRTS OF HAIL CAUSED	County)		(11 am MD)	ľ						
	חחעש	EN TREES.	POWERT	THES AN	n rei	EPHO	IE I.TN	KS RESI	IT.TTNG IN NUMBEROUS			f ball si:	te hai:	. No	1		brted.		
	TELE RESI	VISION AND DENCE. IN	ENNA,	CREATING	G A E	IRE .	ND CA	SING :	HIRING STRUCK A MOKE DAMAGE TO A SOVERTURNED A	Cooperstown (Griggs County)	8	2:30 pm			0	0	4	0	High winds
				[.	l l				l l	Tappen (Kidder County		ew buildin 2:42 pm	igs we	e dama	0	0 uir8	0	0	Hailstorm
MADISON COUNTY	18	3P	2	60	0	1	5		TORNADO	appoin (touch county)	[f ball si	te hai				orted.		
	FIFT	TREES, T	EARING	OFF TH	E UPS	TAIR	PORT	ON OF	IR AREA, UPROOTING A RESIDENCE, AND DLISHING THE	Jamestown (Stutsman		3:01 pm			0	0	6	5	Hailstorm
	STRU	CTURE. SE	VERAL	CAMPS A	ות מא	AILE	RS WER	B DAMAI	GED AND A WOMAN THE TORNADO	County)									Windstorm Heavy Rain
	APPA	RENTLY TRA	VELED	IN AN E	ASTE	LY D	RECTI	N ALO	NG THE SHORE OF		As	evere thur	derst	orm, wi	h 90	mph	winds	and go	lf ball size hail,
OTSEGO COUNTY	18,19				0	0	5	°c	HEAVY RAIN		Jan	estown and	one i	aillion	do11	ars d	amage	at the	in the City of Airport. During
	20										out	by hail;	a doze	n airc	aft i	vere	damage	d; one	ows were knocked plane was des-
	AND	ROADWAYS T	HROUGE	OUT THE	COLL	SEPT TY C	MBER AUSING	EXTEN	DDED MANY HOMES SIVE DAMAGE TO	} '	tre	es and pov	er li	es were	dow	hed;	and ca	rs and	lown off hangars; trucks were rains with the
	PRIV	ATE AND STA	LE PRO	PERTI.							sto		much •	ater d	unage	. So	me fie	lds of	sunflowers
	l									Eckelson (Barnes	8	3:15 pm			0	0	4	5	Hailstorm
										County)	Win	dows were	knock	d out b			ile ar	ea cro	os were damaged
											by.	golf ball	size l	ail.					
										Sanborn (Barnes County)	8	3:28 pm			0	0	0		Hailstorm
											pro	f ball siz perty dam	ige.						damage or
]			·							Argusville (Cass County)	8		No do		0	0	0	0	High winds
[Harwood (Cass County)		h winds. 4:45 pm	No day	age re	orte	0	0	0	High winds
				,		İ				narwood (cass country)		ds to 70	- 1	o dama				٥	High winds
. '1	ŀ	l			İ	ļ	ļ				,,11			. o camia	- nd	τeb	or teu.		

		¥.	PATH	I		OF	ESTIM	ATED†				ΑĽ	РАТН	I	NO. PER		ESTIM.		SEPTEMBER 1977
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P.	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P.	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
OHIO Columbus, Franklin	اروا	245 P			1	0	2	 io	High Winds	PENNSYLVANIA EASTERN	4							-	
County					арре	ati	ree of	† 10 f	eet above the	York, Luzerne and Lackawana Counties		2 PM to 3 PM EDT			0	0	3	0	Wind,Electrical Hail
Van Wert County	fair	255 P ng a thun The lig ning the	Htning	strike	inju	25 stred 2	2 uck a peop	fence	Lightning at the county aing on the fence		lig	htning s	trike	s. Pov	er d	utag	es to	over	ind gusts and 11,000 custom- and Moscow.
Archbold, Fulton County	26	430 A			0	0	5	0	High wind and heavy rain	Franklin,Cumber- land, Dauphin,								•	
	with	strong w	tinds d	ding ext	bens1	ve dar	hage t	o roof	est Ohio town	Union and North- umberland Counties	2	630 PM t 9 PM EDT	0		0	0	4	0	Wind,Electrical
	dra i Waus	nage floo	ding.	5.22 inc	hes	f ra	n fel	from	the storm in		l lic	htning s	trike	s. Por	er d	utag	es to	over	nd gusts and 4,000 custom- At least 3
OKLAHOMA Nothern and Eastern	11	Sunday			0	0	3	3	Hail, Heavy Rain		mir	or light	ning	fires	in t	ous	s.		
portions of Oklahoma	heav	y rains m	easuri:	ng from	1 1/	to 3	1/2	inches	ied by scattered in northern and	Lycoming and Lu- zerne Counties	18	9 PM EDT to midnight			0	0	4	0	Electrical
	east in t	ern porti he low ly	ing ar	Oklahou eas with	na. T none	creel	se ar	es rep of its	orted flash flooding banks. Wewoks		lig fir	htning s	trike	s caus	ed p	owei	outa	ges a	nd a few minor ich destroyed
	when ligh	he picke tning. Wi ral of th	dup a nd gus	downed to up to	00we	line	that an ho	was k	nocked out by e reported with		a g	arage ne	ar Ha	zeltor	1.			011 41	Tren described
Carnegie,	١.	10:30 p.		Ţ	0	٥	5	0	Lightning	York,Cumberland, Lancaster,Chester, Montgomery, Del-		430 PM							Harvy Pris
Caddo County	Ligh that	caused h	uck a s	enekous	e an	rep	ir sh ldings	p res	ulting in a fire	aware and Phila- delphia Counties	19	to 10 PM			1	1	5		Heavy Rain Wind Electrical,Hail
Near Frederick, Tillman County	17	11:30 p.			0	0	4	6	Hail		Hea	vy rain	with	thunde	rsto	rms	cause	d wid	espread roadway
1	port	ion of Ti	llman :	dounty s	est	and n	orthwe	stof	fell over a rederick. larly in the cotton	·	13-3	V4 inche	5 of	rain v	wias m	leası	∎red a	Ind co	Delaware County nsiderable de- ches of rain
	fiel	da. Farm							ome damaga.		boy	drownin	ig whe	n an a	uto≖	ob i	lle sub	merge	ches of rain resulting in 1 d in a flooded
Near Claremore, Rogers County	1	6:00 p. and 1/2 m	iles e	est of (lare	ore.			Two Funnel Clouds		hom	es were iles par	evacu tiall	ated o	lue t merge	n fi d or	nodin 1 floo	g and ded r	subways, 30 numerous auto- oadways. Hun-
Near Foyil, Rogers County	18	6:00 p.			0	0	0	0	Hail		dre win	d gusts	ees, and l	∏imbs jightni i. Tr	and ing c	powe ausi ell	r lin ing po	es we wer o	re downed by utages to over d trucks and
		up to l ge was re			diam	eter	feil n	orthea	st of Foyil. No		too	hit a r k roofs	off i	ambu	fla	tte	using ned a	l in	ury. Wind gusts
Near Hollis, Harmon County	1	10:00 p.	1		0	0	4	5	Hail portion of Harmon		dov	s.On One	farm n Cr	fence: b was	and flip	30 ped	arge over	trees	were blown more than a doz-
	Coun	ty 7 to 8	miles ent da	north a	and w	est o	Holl hard	s. Pi hit w	eld crops sustained as the cotton crop. as well as several		dos at	n a hil Mariett	l. H	re sn ighest caste	wind Cou	gu nty	sts re	cord	of trucks and ury. Wind gusts in movie late glass wins were blown more than a dozed 200 yards dwere 62 MPH g strikes hall was re-
Howe.		cles were	also				5	0	Wind, Hail		in poi	a large ted in a	oil : few	torag locat	tar ions.	k.	Narbi	- 5 i z	hail was re-
LePlore County	1	1		sociatio	*	-			destroyed 5 mobile	Canton,Bradford									
	tre	dings in s. Hail	the Bo	ove scho inches i	odia dia	mplez meter	alone	g with	numerous downed numerted with the	County	1	Noon ED ouse fi	l	caus	o ed by	0 a	3 lighti		Electrical strike.
ODEGON	Sto	but no			⊥.	герс	rted.			Philadelphia		Midnigh:	t						
OREGON			NONE	REPOR	TED						24	to 1 AM EDT		İ	1	0	2	0	Heavy Rain
Yap intann	- j -	Í	1		†o	0	?	?	Tropical Storm Babe			an drow							road when he his car.
	towa	tds WNW a	fiter fo	ormine s	e few	days	earli	er sou	of Yap moving th of Ponape.	PENNSYLVANI.	j AL I	<u> </u>							
	At Y	ap WSO: 1 all tota south.	owest 1 on 3 No sig	sea leve rd 6.20 nificant	inch dam	essur es an	29.4 "fas	finch test m	ds, 24-hour le" on 3rd 46 mph der leaving tropics,	Lake City	1	2:43 p.n	1	?		7	1 '	?	Tornado
	Babe	strength	ened to	o typhoc	on an	d pas	ed th	rough	Ryukyu Islands.		Lake ward	Erie and toward Gi	Girard rard s	nd Fair	+3 p.	m., Se	then mo	ved ea	en the shores of st and southeast- ere injured, in-
											la	hila hama	that .	da nial	A 112	4	where and it	4-4-64-1	ed some distance in ng in mid-air, then stroyed including a
la				.							Roof dest	ripped of	in Fa fan i resid	irview, ndustri nt in a	and al pl ne ar	eigh ant ea i	ty other and an n North	r bui. elemen east	troyed including a dings were damaged tary school almost eported it was one policeman on U.S.
											20,	Erie Co.,	Bald 2	≄e saw 1	two ru	mue 1	crom	mova	policeman on U.S. g in, off Lake Eric second one, long
1											and	skinny, wa agh North	s arou	ind abou	ut one	min	ute	smal.	e second one, long ler tormado ripped
										Lawrence Co.	24	Evening	1	.3	0	0	6	?	Tornado
									1		area	of Wilmir	igton (icCarti	nev Road	p, the	bor	ough o	New '	nel clouds in the Wilmington, Pulaski is-Chio line.
}	1:										In N	ew Wilming	ton, the	he from	nt of	the n of	estmi	ster	College amphitheater arge trees were up- , wall blown out at
									†		cabs	were dam	turin ged a	shop.	In t	the a	shop	o cam	rers and six truck ree trailers and a
						ļ					buil	ding dama	ged at	another.	r trai	ler	sales	ark.]

1		CAL	PATH	E		OF RSONS		ATED† IAGE				CAL	PATH	Ŧ		OF SONS		ATED [†]	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF 1 (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
PENNSYLVANIA WESTERN Southwestern Venango Co.		9 to 9:10		?	0	0	4	7	Torrado	SOUTH DAKOT Pennington County	'A («	continued Noon MDT)				. 5	0	Strong Winds
	Run s	nd Clinto	ville	area.					d in the Bullion		bro	ken and ro	ofs da	maged.	Amob	ile I	ome wa	s over	
	a num	Evening moved the ber of ho amaged a	1868 a	nd upro	oting	lar	eral b	? locks, s, one	Tornado severely damaging of which fell on		The ly hig dur lig	e were mi in the eas i winds wh ing the af itning cau	nor re tern p ich ac ternoo sing f	ports o ortion compani n and e ires to	f dam of the ed a venin fiel	age i e sta cold g of ds, l	rom a te. front the 8 uildi	number they we which th. The	of counties, most are the result of crossed the state are were reports of d timber areas in the western portion
	24 Hit a			ſ	l	t of	5 Edinbo	? ro, de	Tormado molishing 6 trailer	s Minnehaha County	aut	Black Hil the state, omobile ac Early AM	cident	ny ausa	e fro , cre	nt wa ated	by the	sing i high	me western portion winds, caused many Heavy Rain
PUERTO RICO RHODE ISLANI))			REPOR'							Dur inci or i	ng early es of rai looding i strikes	normin n fell n lowe	in Sto rareas	of c	lls i ity h	n abou ampere	t a 75 d stre	o and one-half minute period. Min et travel. Light- fires and power out
SOUTH CAROLI Mountains of North- west South Carolina	NA 	Р.М.			0	2	4	2	Heavy Rain	Davison County	ages	Early AM		4 4					Heavy Rain
1.	of cau	ns of 6 to Oconee, Pi sed mudsli or more pe	ckens des ar	and Gr d force	eenv	lle e eva	Counti cuatio	s of	Flash Flooding	Codington County	ing 23	in the ci	r over ty of	two indi	ines i	in se	vera i	nours 0	caused minor flood- Heavy Rain
Spartanburg County,	sev or	eral damag damaged.	ed, se								In i iod baci	before 11	own ar	ea, 2.1 There w	ind s muc	hes c	f rain reet f	fell loodin	in a four hour per- g and some sewer
(3 Miles North of Imman, Near Gramlin, S.C.)	Two two	4 P.M. mobile ho barns dan th northes	aged b	y small	tori	ado	that m	aged,	Tornado	Brown County	23 In	Morning Oberdeen,	one an	i one-h	alf jo	nches	4 of ra	in fel	Heavy Rain
Statewide, S.C.	Sca Car dan in	P.M. ttered thu olina caus age, inclu Lancaster	ing fe ding s S.C.	w areas everal some t	of build rees	ocal lings and	ized damag ıtilit;	ed.	Thunderstorm High Winds Heavy Rain	Kingsbury County	24 The	4-5 PM CDT first evi	23 dence	20 of the	0 tornac	0 do.ac	. 5 tivity	was t	Tornado te destruction of
Kershaw County Wateree Lake Area North of Camden, S.C.	fiv 16 Rai	age at seve miles so P.M. & Night as of 4 to	utheas	t of Wa	lhal 0 sed f	o Clash	ų floodi	3	Heavy Rains Flash Flooding	Kingsbury County	Sme ing and gro	, two gare next to a	ages w propa truck.	re des ne tank It is	troyed . A 1	i. fire	he tor result	nado 1 ed des	miles east of De ater struck a build troying the tank ado was on the Hail
	Lak des	White Dak e. Severa troyed, a des across	l dock number	s on Le	ke We	atere	e were			TENNESSEE	area		amaged	cars,	twe] [ings		ops in	the Woonsocket
Anderson and Greenville Counties	Fla sev	P.M. sh floodin eral roads vily damag	from	1 to 2	hours	. L	ightni	sing	Thunderstorm Floeding Wind	Smyrna, Rutherford County	High minu	es, overt	wining	and set	vere ly	y dad	aging	t for	Severe thunder- storm about five ght sircraft
Greenville County	Fas in sho	k:00 P.M. t moving a Easley, Tay p was dama	torm e vlor, ged in	aused wand Gre Easley	er.	An a	ıtomot i	mage ve	Thunderstorm High Winds Heavy Rain	Chattanooga, Hamilton County	6-7 The	2:50 p.	Hurri	ane Bal	be'a	rop	4 cal le	W pres	er hour. Flash flooding sume system a; the heaviest
SOUTH DAKOTA		5:45 PM CDT	i Gree	r.	0	-1	- 4	0	Strong Winds		rain floor per rain	for 24 hou ling street od ranks s	urs si ts and es the ied in	busines becond	5, int sees highe	ndat The	ing 1 6.62 otal o	w lyin total a reco	g areas and for the 24-hour rd. The heaviest iod was 7.61
	truci	k inside tl	ne buj	lding 🛊	as da	mage	i. One	person	es area. A dump suffered a frac- ut this was never		On 2 dama in t	ord Street,	, one	. Boat	s wer	e us	ed to	evacua	sinesses were te 10 families ring Creek over-
Lyman County	8 High	3:45 PM CDT winds, ass	socia	ed with	a fr	onta	4 passa	O ge, we	High Winds		Busi Boule	esses, too vard and f	farther	south	on Ch	icka	Bguan	Bouley	ossville ard were flooded flowed storm
	70 Nu 1iand 8		croyeq	SIX DU	11011	igs our	. 3	n nort	h and east of Re- Strong Winds	Decatur, Meigs County	A 47	10:45 p.	oman v	as inju	red w	1 hen	lighte	ina at	Lightning ruck a car while
Codington County	of Fi	ripped a t. Pierre. 6:00 PM CDT	campe Wind:	r off a s at Pi	pick erre	up tr were	ruck ab measur 4	out tw ed at	elve miles south 68 MPH. High Winds	Pigeon Forge, Sevier County	15	11:00 p.					4	1	trike was at High wind end rain
	power north A two	gusting to	i some were i nalf m	buildi: blown o	ngs. ver w	A th hile	ailer travel	and tr ing on	aged many trees, uck, twelve miles Interstate 99. stroyed during	,	from	. Several	.bus1[c	68868 B	ustei	ned	roof d e	enne ge la	the whole sky, brunt of the and cars dented barns and

		CAL	PATH	Ŧ	NO. PER	OF SONS		ATED†				CAL	РАТН	Ŧ	NO. PER	OF SONS		ATED†	SEPTEMBER 197
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
TENNESSEE (co	ntini 19	ied)					4		Flash flooding	TEXAS (continue	d)								
Hamilton County	Inte	nse thunde							d in sporadic	Western Denton County	12	2:35 p- 3:00 p			0	0	5	0	3 Funnel Clouds and Windstorm
	fell Dayt	in a 20-m on Bouleva	inute rd in	period. the cen	Sev tral	eral busic	busine less di	sses :	Most of the rain ere flooded along of Red Bank.		The	squall li	ne mov	ed acro	ds De Ar 2	nton •35 r	County m Civi	resul	ting in the
	duri	ng the sto	ro. A	lso, re	s i de :	ts of	the I	orres	were evaculated Plaza Drive area s from a stream		ser	ved a fum erved over	el clo Krum	ud 3 mi at 2:46	les w	est o	f Krum t 4:00	pra, s	funnels were evere winds
	in ti	ne subdiví	sion r	ose and	reac	hed a	depti	of a	foot in some	j	Sevi	oofed the eral other e blown of	Ponder homes fmobi	school in Pon le hôme	gymn der w s. tr	ere d ees 4	and c anaged ere un	by the rooted	ting in the nse spotters ob- furnels were evere winds 5 out buildings. e storm. Roofs , and fences
Dorton, Cumberland County	25	3:00 p.	3	100			3		Tornado		wer	damaged. tunately,	Atn	ee orew	լուզ	uie	living	room	of one house.
,	the	ground and	teari	ng away	roof	ing a	nd wa	ls of	pping trees from several buildings.	Murphy, Collin County	12	4:20 p- 4:32 p	1/4	166	0	. ,0	4	0	Tornado, Rain, and Windstorm
	tree leav	s at the R ing the Ro	owell' well p	s apple roperty	orch , it	ard a	nd dar ed Hi	aging hway	prooting 75 large a motel. After O uprooting more		A t	ornado tou in Murohy	ched d	own and e 25 po	trav wer r	eled oles	for 1/	4 of a	mile along FM off by the north-
	tree	and ripp of the lar	ing se	ctions	of a	roof	and to	aring	the back side from		eas win	tward movi ds. small	ng tor hail,	nado. and 3 i	The s nches	of:	also p	roduce 15 m	d strong straight mutes. Tornado
	Witn in t	esses saw rouble."	the to	rnado a	nd 86	1d ":	t sou	ded 1	ike a jet airplane		dam \$5,	age was ab 000. Murp	but \$1 hy is	0,500 W 10 mile	nile s eas	t of	Plano		amounted to
Rtowah, McMina County	26	A.M.				1			Lightning	NE of Kamay, Wichita County	12	6:29 p- 6:40 p	4	Narrow	0	0	3	0	Tornado
tarian county	A 55 duri	-year old ng a sever	man wa e elec	s injur trical	ed at	ter I	eing s e man	truck was s	by lightning truck as`he stood		fim	nel aloft	that u	oved fr	tom 2	mile:	norti	east (peared to be a
Memphis,	outs 30	ide a stor	e on t	.S. Hig	hway	411.			Flash flooding		mob	theast of le home c mally a we	arport	along	ports the s	of anne	ight o	amage ndica	to a house and a e the funnel was
Shelby County	Flas	a flooding	, trig	gered b	yaı	hund	rstor	tra	pped Memphians in	Wirmsboro,	12	9:44 p			0	0	0	0	Fummel Cloud
	3 a.	n. floodin	g many	low-ly	ting a	reas	of the	city	d into Memphis about including fire and orted water reached	Wood County		nsboro pol		otted 1	he fu	nne1	cloud	It.	issipated without
•	car	window hei	ght in	the ea	st pr lding	ecia kno	t par	ing 1	et on Flicker me radio and phone	North Texas	13	Aftn. 6 Evening		l			Ì		Squall Line
	trap	ped in the	rapio	ly risi	ing w	ter :	floate	d and	es so bad that cara come almost sub- rded at the Memphis		A s	cuall line	devel	oped al	ong a	co1	fron	and 1	oved southeast
	Inte	rnational east of th	Airpor e airg	t while	the in me	area sure	to the	nort en	r. I			ing the an			evenir	g.	ne to	Town	severe weather
	peri	4 inches,	all	BITIUE	in a	rela	lvely	snort		Waxahachie, Ellis County	13	1			0	0	4	0	Windstorm
TEXAS NORTHERN											mov in	ed through	Waxal wn are	achie. a. A	Seve	ral ell	plate on a h	glass ouse o	g winds: as it windows were broker West Main Street oof damage occurred
Dallas, Dallas County	7	2:55 p- 3:30 p			0	0	4	0	Hail and Flash Flooding		to	ulting in horse stal at several	uls at	the roo	mage leo gr	to t	he hou sand	se. R	sheds were destroy
	Dal	las County	. At	2:55 pm	gol	bal:	l size	hail	south across as reported in	W. of Grandview,	13	1	i	l	0	0	0	0	Tornado
	nor min and	theast Dal or damage, neighbori	las. parti ng sho	Heavy r cularly poping c	ains arou	produ ind W	iced so ite R	atter ck La Dallas	ed and mostly ke. A theatre received water	Johnson County	l tor	rhado touci	idown i	lust we	st of	Gran	dview.	l No d	watched the brie mage was reported
	dan the	age after weight of	a port	ion of water.	the 1	heat	e's n	of co	received water lapsed under		The sto	tornado o	ccurre ruck V	d in t axahac	he sou	thwe	st qua	drant	of the thunder-
Lake Lavon, Collin County	7	3:40 p	Short	Narrow	0	0	3	0	Tornado	SW of Clifton, Bosque County	13			Į	1	0	0	?	Tornado
	A s	mall torns	do tou	ched do	wn bi	niefly Res	and	took a	30x120 foot roof ses described the	1	ius	st southwe	t of (lifton	. Śe	era1	downe	d tree	a funnel cloud s in the same culation and
i i	tor	nado as a	conden	sation	funne	il no	conn	cted	to the ground. The thunderstorm.		was	briefly a	torna	do. T	e st	irm n	oved t	bward	the southeast.
5 SE Rockwall, Rockwall County	7	3:45 p			0	0	0	0	Funnel Cloud	S. of Lampasas, Lampasas County	13 Th	understorm	winds	overtu	1	0 not	4 ile ho	ne sou	Windstorm th of Lampasas.
)	The of	Lake Lavo Rockwall.	n Stor	n produ ockwall	Cou	fun ty S	el cleriff	repor	niles southeast ted that the did not touch down.	Compares Com	The	ere were n 3:00 p	-		0	0	4	0	Tornado
Terrell,	7	4:50 p	lati a	5 10 10	1	1	0	0	Lightning	Copperas Cove, Coryell County	Nic	ck Nichols	Park	and R	ocrea	tion	Depart	ment d	rector at Coppera
Kaufman County	Lig	ntning Str	uck ar School	kille footba	1 17	year	old B	ernard	Derrick on the everal other foot-		go	lf course.	The secon	twister	wrec	ked a	130x2	0 foot	ke the mmicipal storage shed in lubs, shoes, and
	bal min	l players or injury	were 1	nocked red. Wi	to the	he gr sesis	und b	the me lig	holt but only 1 htning had occurred		ot	her golf e omm struck	quipme Nic	t were	scat	as i	acros	the the	course after the ted several trucks
		the distar st strike					at ki	lled I	errick was the		ьо	to 6 feet ard throug ere were n	h the	ide of	a we	n i	torna	go are	ve a two-by-four
15 W. Eden, Concho County	10	1 .	?	?	0	0	3 made 1	0 S mile	Tornado s west of Eden.	Temple, Bell County	13	1	1 .		0	0	3	0	Windstorm
	/ A b	e DPS and) ern was un ether dama	roofe	tiand po	wer.	lines	were	downed	by the twister.		Th	inderstorm	gusts est1v	to 61	iph w	ere i	easur	dat i	he Temple Airport. the Temple area.
Western Tarrant	12				0	0	?	0	Windstorm	thibhand	Se	veral powe	line	s were	downe	d in	Temp1	+	
County	A 1	2:30 p Line of the	nders	torms m	oved	east	across	Tarra	rt County. Some	Hubbard, Hill County	13 St	orm spotte	rs obs	erved t	o he fu	me1	0 aloft	0 near	Funnel Cloud Subbard.
	wir	n¢ damage i	as re	ported :	ih we	stem	Tarra	nt Cou	ty. Three barns	Lufkin, Angelina County	13	1			0	0	?	?	Windstorm
	40	necu.								wifer mrs (comit)	St b1	rong thund ew an 18-w orm moved	erstor heel t	n winds ruck of	upro	oted an o	trees erpas	dest:	byed signs, and Lufkin. The
1	1				1	i			1		st	orm moved	from n	prthwes	t to	sout	east,	l .	1

	님	E			OF		ATED!				13	Ξ			. OF		ATED1	SEPTEMBER 1977
PLACE	DATE TIME - LOCAL STANDARD	1 OF PATH	WIDTH OF PATH (YARDS)	PER	SONS		AGE	CHARACTER OF	PLACÉ		TIME - LOCAL STANDARD	1 OF PATH .ES)	JE PATH RDS)	PER	SONS	t	MGE	CHARACTER OF
	TIME STAND	LENGTH OF (MILES)	WIDTH (YA	KILLED	INJURED	PROPERTY	CROPS	STORM		DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	מורופס	INJURED	PROPERTY	CROPS	STORM
TEXAS (continue	ed)								TEXAS (continue	ed) 								
Quanah, Hardeman County	17	12	?	0	0	?	?	Hailstorm hail from 10 miles	CORPUS CHRISTI Nueces County	8	3:40p	-	n in +h	0	0	0		Hail, funnel cloud of Corpus Christi
	varied from	f Quana	h to 10	mile	s sou	theast	of to	wn. Hailstones ht of damage was		pro	ducted 1-3 reported.	/4 inc	h diame	ter h	ail a	and a	unnel	cloud. No damage
6SE Eden,	not known. 18 4:24 p			0		0	0	Funnel Cloud	ORANGE Orange County	9	7:40a			0	0	0	0	2 Fummel Clouds
Concho County	First repor	ts were	that a	torn	ido h	ad occ	urred.	A follow-up		l			nge Cou	nty s	heri:	ff just	souti	of Orange. Tornado
	touch down.	The p	arent s	torm	noved	from	west t	aloft and did not o east.	1SE CAUSE Milam County		11:45a- 11:50a aged a far	n hous				İ		TOTAGE
Rhome, Wise County	18 5:20 p			0 norte	D that	0	0 inch b	Hailstorm ail fell but	SPRING Harris County	9	12:05p			Q	o	0	0	Funnel Cloud
	caused no d	anage.	The st	orm m	oved	toward	the e	ast-southeast.	natify worky		hted 5 mil damage rep		thwest	of th	e Ho	uston:	ntero	ntinental Airport.
Southeast Montague County	18 8:35 p Marble size		roduced	na kr	O nown k	? lama o e	?	Hailstorm	1E HIMBLE Harris County	9	1:10p	Short	Narrow	0	0	0	o	Tornado
Mt. Pleasant,	18 6:00 a	-	Consider	0	0	?	?	Lightning	natifie wouldy	A f	unnel clou theastward	d touc No	hed dow damage	n bri was r	efly epor	as the	thun	erstorm moved
Titus County	7:00 a Lightning s	1	nd set	fire	to th	ree ho	mes in	Mt. Pleasant.	PIERCE Wharton County	9	Afternoor			0	٥	3	0	Lightning
W. of Sherman,	No one was 25 6:35 p	ihjured							Tangon councy									adio tower of the were reported.
Grayson County	The communic	cator a	DPS he	eadqu	rter	s in S	herman small		WADSWORTH Matagorda County	10	12:35p	?	?	0	٥	0	0	Tornado
Garza Little Elm	25 7:12 p	1	013	0	0	0	0	Punnel Cloud	1		mnel clou age report		hed dow	n in	open	count	y nea	Wadsworth. No
Reservoir, Denton County	DP3 officer	s sight	ed the	Funnel	l alc	ft und	er the	south quadrant	15 SE HOUSTON Harris County	1	3:00p			a	0	0		High wind
Milla Paine	of a heavy	thunder	storm.	0	0	?	0	Windstorm			ds gusted reported.	to 61	mph at	Ellir	gtan	AFB.	No si	mificant damage
Wills Point, Van Zandt County		1	gns and					trong thunderstorm	Southwest HOUSTON Harris County	12	Afternoor		į	0	1	0	ĺ	Lightning
Athens,	moved acros	į.	ills Po	int a	rea.	0	n	Tornado			year old nderstorm.	plumb	er was	struc	k by	right	ing a	hring an afternoon
Henderson County	The tornado	touche	d down	orief	ly in	open	countr	y near Athens.	Northeast SAN ANYONIO Bexar County		4:15p			0	0	0	٥	Hailstorm
ĺ	No damage co in the area	at the	time.	Kad	ir ink	icate	d a st	rong thunderstorm		3/4 Pern	inch to l in area.	inch o	liameter Linor da	sof mage	to t	rees w	brief as rep	ly in the Naco- orted.
Buffalo Gap, Taylor County	27 9:20 p One mobile	home un	dectr	0	0	4 on oth	0 erc da	Windstorm	HOUSTON Harris County	13	5:30a			0	4	5	0	Windstorm
	stringht-li	ne wind alo Gap	storm. area a	Radar t the	ind:	icated The	heavy three	thundershowers mobile homes		Ye.	low Expres	olnas s Com street	oppied	a su he tu wind:	yer s did	fell o	nto se damag	r owned by the veral houses on e to roofs,
	cement bloc	ks and	were no	t tied	dow	ı. Th	e dest	e resting on royed trailer was t some trees 15		snap spec	ped trees ds of 44 m	and bi	oke tre ! 47 mot	e lii wen	nbst e rec	hrough orded	out th at Hou	e city. Wind- ston Intercon- . Power lines
	feet away a calls but n	nd comp	letely	tract	red.	Ther	e were	several close d from the wind		Welte	broken d	ie to	alling	tree	limb	s and	Lightn	ing strikes.
TEXAS	gusts.								MARBLE FALLS Burnet County	13 1 tr	2:35p	th diam	eter ha	0 il fe	0 -11 h	0 riefly	100	Hailstorm north of Marble
SOUTHERN Near LaGrange	7 2:48p			0	0	5	0	Windstorm			s as a hea							l across the
Fayette County	Thunderstorm	winds	estimat maged f	ed in	exce ight	ss of	65 πph ft at	demolished a an airport 1 mile	WEST LAKE HILLS Travia County	13	4:00p			0	0	0	0	Hailstorm
LYTE	east of LaGr 7 4:10p	ange.				4		Windstorm		A he	avy thundo eter soft	rston hail	n movino n souti	west	h-so Aust	utheas in.	ward	dropped 1-3/4 inch
Atascosa County	1 -	winds	flipped	over	a po	rtable			Northwest SAN ANTONIO Bexar County	1	1 -			0	0	0) [Hailstorm
	a large sign IH35. Damag	e to to	umbery nees and noved ea	ard/u othe	sed c rout uthea	ar lot build: stward	east ngs in	ling and damaged of Lytle on the area was		and	inch to 1- Babcock Ro ss the con	ad as	ch dian heavy t	eter hund	soft ersto	hail cms mo	fell n ved so	ear Loop 1604 utheastward
COLLEGE STATION	7 4:30p-			0	0	0		Funnel Cloud	CLEAR LAKE CITY	l	Evening			0	0	5	0	Windstorm
Brazos County	4:45p A funnel clo campus. The	oud was	sighted thunder	just	nore	h of d sou	he Te: hwest	as A&M University	Harris County	Thur lift	derstorm o	vinds of of and	amaged rippir	an u	nfini som	sheds	teel-f ne and	ramed building by hor bolts at the
WEST ORANGE	7 5:08p			0	0	0		3 Funnel Clouds	' BEAUMONT'	base	s of the	rames		٥		0		Funnel Cloud
Orange County	Reported by	the Co	nty She	i i		damage			Jefferson County	Αfi	nnel clou		ed by t	- 1	ont P	•		and dissipated
Southwest HOUSION Harris County	7 5:30p Reported by	the no	lic in	0 south	0 west	0 Housta	n, on	2 Funnel Clouds near Fondren		in s	everal miu							-
								near Fondren ief.	EAGLE LAKE Colorado County	19 A ##	3:00p underston	movie	a santi	0 easts	0 mrd	? droupe	? 3 1/2	Hailstorm inch to 1 inch
Near SKIDMORE Bee County	7 7:45p A tornado da	100**	45 barn a	0 s it	0 moved	3 from		Tornado orthwest to the		diam	eter hail storm.	just	outh of	Eagl	e La	ke. H	savy r	nins accompanied
COD TITOMODY	southeast.	A loud	roar wa	s rep	orted			Funnel cloud	NUECES COUNTY	21	8:30a			0	0	0	0	2 waterspouts
8SE VICTORIA Victoria County	7 8:10p Reported by	the put	lic. N	_	1					Sigt	ted in the	Gulf	just e	st o	E Nue	ces Co	inty P	ark.
San Patricio County	8 2:00p- 3:00p			0	0	0	0	Windstorm										}
	Thunderstorn was reported	ns proch	iced gus	ts es	tima	ed at	65 mp.	n. No damage										,

Claude, Armstrong life slight right	STANDARD LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PERTY	\$	CHARACTER OF STORM	PLACE		TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)			KT.		CHARACTER OF
WESTERN Slaton, Lubbock County Hall high sligh right Claude, Armstrong County UTAH VERMONT VIRGIN ISLANDS VIRGINIA taunton Zuray (68), Fage County Local depart extensive d Winds assoc uprobed the			- 1	골	PROPERTY	CROP	11010	PLACE		TIME	LENG	WIDTH (?)	KILLED	INJURED	PROPERTY	CROPS	STORM
Slaton, Lubbock County Hall high sligh sligh right Claude, Armstrong County Claude, Armstrong County ICLAUDE, Armstrong County UTAH VERMONT VIRGIN ISLANDS VIRGINIA Staunton 2 Nr 12: Two separat company sut local depar local depar Strong vind extensive d Winds assoc uproted to	1 1			一				_WISCONSIN (cor		ed)						 	****
Claude, Armstrong 16 8:50 County 16 8:50 Strong to stron	00 P ?	?	0	1	0	0	Hail	Northwest Wisconsin	&				0	1	?		Thunderstorms Wind
Claude, Armstrong County 16 8:50 Strong to state off of portion UTAH VERMONT VIRGIN ISLANDS VIRGINIA Staunton 2 Nr 12: Two separate company sufficed depertions of the portion of th	il to 1 3/4	inches	in đị	ametez	r fell	. brief	ly halting a		9					.			
Claude, Armstrong County It a strong to stron	gh school for ightly injur	ing one	spect	tator	who w	0 mint as st	tuck over the		hou	s of the	8th to	the ea	rly u	ornin	g hour	s of t	from the late even he 9th. Trees wer Langlade, Pierce
County Strom to sto off o portion UTAH VERMONT VIRGIN ISLANDS VIRGINIA Staunton 2 Rr 12: Two separat company sub local deparat local deparat strong vind extensive d Winds assoc uproreded to	ghteyebya 50P-?	large i		0	4	0	Wind	,	Sawy	er, and S	t. Cro	ix coun	ties.	As	chool	on Lad	Court Oreilles In at Boyleville in
UTAH VERMONT VIRGIN ISLANDS VIRGINIA Staunton 2 Rr 12: Two separate company sublocal deparat		ĺ				-	wn down, damage		in I	onn Count ige. At H	y and udson	Hazelhu in St.	rst i Croix	n One Cour	ida Co ty, fa	unty a lling	lso sustained wind trees demaged some
UTAH VERMONT VIRGIN ISLANDS VIRGINIA Staunton 2 Nr 12: Two separate company sure local depart company sure local depart strong windextensive of the company sure local depart company sure local dep	store windo	ws, awn ndation	ing ar	nd one wer wa	e mobi	le har	ne to be blown		home cab	s and a b	oy was laumon	injure d, also	d whe	n he	ran hi	s bike	into a downed te: wind damage was
VERMONT VIRGIN ISLANDS VIRGINIA taunton 2 Nr 12: Two separat company sut local depar local depar sut local depar sut local depart sut local depart sut local depart sut local depart local depart local depart local depart surgery surge	rtion of tow	n for a	oout o	one ho	our.			Paus I Courter		rted to a	pole	shed.					
VIRGIN ISLANDS VIRGINIA Staunton 2 Nr 12: Two separat company sul local deparations of the separation of the separatio	NONE	REPORT	TED					Douglas County		12:07 pm	· 61 v · 6		0	0	?		Tornado s southeast of
VIRGIN ISLANDS VIRGINIA Staunton 2 Nr 12: Two separat company sul local deparations are company sul local deparations are company sul local deparations are company sul local deparations are company sul local deparations are company sul local deparations. Stuarts Draft, Augusta County Strong windextensive of winds associum content to the company sul local deparations are company sul local deparations. Winds associum content of the company sul local deparations are company sul local deparations. Winds associum content of the company sul local deparations are company sul local deparations.	NONE	05000	750						Supe	rior. A	nachin	e shed	and 2	raine	ry wer	e heav	s southeast or ily demaged in a freight train."
VIRGINIA Staunton 2 Nr 12: Two separat company sut local deparations of the separation of the separat	NONE	REPORT	IEU	1			ļ	Juneau County		Afternoon		ucacii	0	0	?	:	Thunderstorm
Staunton 2 Nr 12: Two separat company sut local depart local depart local depart strong wind extensive determined to the separate company sut local depart local	NONE	REPORT	TED	- 1													Wind
Staunton 2 Nr 12: Two separat company sut local depart local depart local depart strong wind extensive determined for the separate company sut local depart local									feed	bin on a	farm	ed tree near Ma	aton	-			knocked down a
company suit local depart local depart augusta County Strong wind extensive depart of the county of	12:10		0	٥	2	.0	Lightning	East Central Wisconsin	18	Evening			0	2	5	?	Thunderstorms Wind
Stuarts Draft, Augusta County Luray (6S), Page County Strong wind extensive of extensive of winds associuprobled to uprobled to							age to a power										evening hours of late evening.
Augusta County Strong wind extensive detensive detensive detensive Winds associated asso	epartment sto	re.		ne all	r conc	1161011	ing system of a		The	first rep	orts d	f damag	e we	e fro	n Gree	n Lake	in Green Lake One truck was
Strong wind extensive decreasive	ernoon		٥	0	3	0	Wind		hear	vily damag	ed by	a falli	ng t	ee at	t Ripor	i, in I	ond du Lac County iler was tipped
Page County Winds associupropted tr		derstor	n ble	w tree	e dow	onto	auto, causing		ove	t. The ad	tivity	moved	east	ard a	enterir	o the	City of Fond du
Winds assoc upropted to	5:00 p		0	0	4	0	Wind, Rain		blo She	vn off. A ooygan Cou	t 8:30 nty.	pm the The Can	sto: elot	ms h: Estai	it воut tes, Pa	hern S	an apartment was heboygan in Estates, and Wilson were
upropted to	ssociated wit	h a sev	ere	hunde:	rstor	leve:	ed a small barn,		Sun	hyside Sub ecially ha	divisi rd hit	ons and	the rees	adjo: down	ning t	own of	Wilson were er of recreation as also reported
	ore than two	inches	of re	in re	porte	i in t	he vicinity.		Blot	icles flip ng with tw essed dama	o inju	ries as	a re	sult	of fly	ing gl	lass. Total storm
Culpeper County 2 6:00 7:00	-q 00:		0	0	Ļ	0	Lightning, Rain	Lafayette		Early	5C	Sile GOVE	, u	b put	?	30,000	Lightning
Lightning	ng caused a n						produced some			morning							
	ruck B barn,						2-6.1		Blas	chardvill single li	le. Th	is is t	e11e	ed to	be th	e lare	tree in rural est kill from
Rockbridge County 3 4:00	:00 p- :30 p		0	0	4	3	Wind, Rain, Heil	Water Child	Olle	NO REPO		1		Cnar	area.		
dame we upon	unan Paus mad	Inantiad	4 4 4	he Die	ffala.	Panna	considerable area, between	WYOMING KANSAS		NO KETO			ĺ				
Buena Vista nearby, ala	ista and Lexi along with e	ington. quipmen	One h	ide,	ed a :	orch stroy	torn off and a shed d. Another resi-	Northeast	12 13	6:00 p- 10:00 a			5	0	6	5	Rain
the junction	ction of the	roof an	e ins	ls.	A thi	d hou	torn off and a shed d. Another resi- en rain entered at se had its roof d by hail around		Gener	al heavy	rains	fell on	alre	ady »	vet gro	und fr	om Nemaha and Bro
one inch in	h in diameter	. Total	prop	erty	damag	e esti	pated between		down	ies south cours of s	east t hort d	hrough uration	Doug:	as ar ucing	d John	son co 2 to 4	unties with local inches. Two to 5
1 1	3:30 p	, crop a	1	0	0	0	Lightning		in ti	ne Kansas	City a	rea. Su	þsta	tiel	runoff	produ	inches especiall
Augusta County A 19-year-o	ar-old Connec	ticut y	outh,	appe	rentl	hitc	-hiking, was		stear	s and wat	erways	. Damae	e was	to r	oads,	bridge	oding of small s, automobiles, in Leavenworth,
standing w	instantly on g with his ha	the sou and on a	th-bd meta	und r	amp o npost	I-81 when	He reportedly was the lightning		and A	in Leawo	od. Cr	op dama	ge wa	s mos	tly to	unhar	vested crops in
Albemarle County 3 3:5	3:55 p		0	0	2	0	Lightning	Marion County		8:45 a			1				Lightning
Bolt of li	lightring st	ruck po	wer !	ubsta	tion,	cutt1	ag power off to		Light	ning stru about 3	ck a f	armer w	nile	he wa	s on a	tract	or harrowing a
	000 residenti :00 p-	mai user	zs, e: O	ght n			of Charlottsville,	Atchison and Brown		5:45-			0	0	5	0	Wind, funnel
7:30	:30 p]			0	0	Rain, Flooding	Counties		6:30 p							
passes and	of rain fall and backed up	n storm	J∪ mi drai:	nutes s. No	dama	ed flo se rep	ding of under- orted,		Was 1	o farm eq	uipmen	t, mobi	le h	mes,	mostly	betwe	ng winds. Damage en Fairview and bserved briefly
WASHINGTON	NONE	REPOR	TED						about	5:55 pm						#d5 C	protest attenta
	, voite							Cherokee and Neosho Counties	27	12:15- 2:30 a					5	0	Wind, lightning
WEST VIRGINIA	NONE	REPOR	TED			ĺ				erstorms							ties were and some hail.
WISCONSIN	00							1	Light	ning dama	ged ut	ilities	and	cause	d a ho	use fi	re near Chanute. Springs with
Racine County 4 6:00 1			1	0		ļ	Lightning		damag		s, uti	lity li					d a shopping cent
Lake Mich	ne area rishe ichigan shore	rman wa line	sst	uck A	ma ki	led b	lightning on the	Gove, Logan, Sherman and Thomas Counties	30	Evening	_		0	1	6	5	Ha11
Southeast Wisconsin 4 Aftern	ternoon		0	0	?	?	Hail		hail	of 1-3/4	to 2-3	4 inch	es ir	diam	eter.	Damage	ties produced local was spotty but to
Golfball a	1			, I		1	1	1	cars,	roofs, w	indows	trees	and	bhrut	bs. Аш	an was	injured by hall
	ll size hail , Walworth, a	reports	were	rece	ived .	rom U	zaukee, milwaukee,		[Good]	and after	hail	had bro	ken t	he wi	indsiel	d out	of his car.
	ll size hail , Walworth, a	reports	were	rece	es	Trom U	zaukee, milwaukee,		Good] Heavi	and after	hail lamage	had bro was so	ken tuth o	he wi C Brw	ndsiel ester	d out	of his car. hail also killed
	ll size hail , Walworth, a	reports	s were	rece ount:	ived es	rom U	zaukee, miiwaukee,		Good] Heavi	land after lest crop livestock	hail damage	had bro was so PECIAL	ten tuth o	he wi Brw SUMMA	ndsiel ester RY	d out where	of his car. hail also killed as especially

		CAL	PATH	Ŧ		OF SONS		ATED†		-		CAL	PATH	Ę		OF SONS		ATED1	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
	1	TH	ΕF	OLL	ow:	INC	AR	EL	ATE REPOR	rs, correction	NS	, AND	DE	LETĮ	ON	[S:			
LATE REPO	RTS 	\$		MAY 1	977		i			LATE REPO	~	•	:	MAY 1	977				\
8 SSE Coldwater, Branch Co.	5 Go1	9:40 f ball s	7 ize.	800	0	0	0	С	Hail	3 NW Dundee, Monroe Co.	31 Tot	1:40p ched dow	3.5 n in	a rura	0 l fa	0 rmin	4 g are	a bet	Tornado. ween Dennison
An area north of Coldwater and Port Huron.		9,10,11		Early			0	c	Prost and freezing temperatures.		tro	ying two	barn st of	s and Highw	dama ay 2	ging 3 af	two	homes	s Road, des- . It lifted ng a semi-
	vin	es, aspa	ragus	, blue	ber	ries	, and	cher	aged grape ry trees.	3.5 NW Dundee,	31	1:40p			0	0	3	С	Hail
An area west of	16,				0	0	5	С	Thunderstorms	Monroe Co.	fie		ell a	s dent					bean and corn g on two
Grand Marais and Manistique in	gus	Ls of 76	, 75,	and 6	5 MP	Hat	Jack	son,	the area. Wind Lansing, and	2 E Linden,		Afterno		Ter.	0	0	0	c	Hail
Upper Michigan and an area south of Pentwater and	tri	cal serv	ice f	or the	usan	ds o	f hom	es an	d blew trees tarted numerous	Genessee Co.	Thr	ee quart		ch hai	l đa				e gardens.
Detroit in Lower	fir	es inclu	ding	two fo	rest	fir	es in	Uppe	r Michigan. destroyed	State Wide	Abo	th long ve avera	ge te	mperat	0 ures	0 , wi	0 nds a	C nd be	Drought. low normal rains
-	thr sta Men	ee barns tions of	, one f the and M	ranch air. anisti	Jac Jue,	o ho kson har	mes, Batt	and p le Cr	ut two TV eek, Devereaux, The reports		soy	beans.	Hay c	utting	s we	re a	bout	50 pe	oats, corn, and rcent of normal. e while others o water cattle.
l SE Banfield, Barry Co.	17 Tou	4:40p ched dow	3 n on	85 the sh	0 ores	0 of	4 Fine	and M	Tornado il Lakes,		Cha	rle Voix nties ha	, Mon	tcalm,	Ber	rien	, Cas	s, an	d Genessee
		sing sma fences							ipping out sheds n trees.					JUNE :					
Albion, Calhoun	17	Evening			ò	3	a		Lightning	Portion of State North of Muskegon and Bay City	Con								Drought hurt field d pasture growth
	Lak hea	e when h	it. verel	The bo y burn	lt s ed t	truc he b	k one ack o	of t fano	e shore of Lee he boys in the ther. All	and bay city	onl red Isa	y 35 to uce cash	64 pe crop lare,	rcent s to s	of n uppl	orma y fe	l cau ed fo	sing or the	farmers to ir animals. ssaukee counties
2 NE Saline, Washtenaw Co.	17	7:45p							Funnel Cloud	Area south of Pentwater and Port Huron	5	Early M	ornin	_		0	5		Thunderstorms
5 S Jackson, Jackson Co.	17	Evening		,					Funnel Cloud.	Total Maron	kno A c	cking do ombinati	wn tr on of	ees an light	d cu ning	ttin and	g off fire	elec dest	trical service. royed an opera
Highland, Oakland	Fou boy	r boys s s was hi	t in	the sh	ould	er,	tosse	d six	Lightning. One of these feet in the m his feet.		An dam the	apartmen aged. H rn Berri es damag	t hou igh w en, a ed b y	se, a inds c nd muc falle	trai ause h of n tr	ler, d he Van ees	and to avy to Bure in th	hree ree d n cou e Col	g, and a barn. nomes were also amage in nor- nties with two oma area. Grand
Highland, Oakland	Wom	Afterno an knock ered the	ed to	the g	0 roun	l g by ited	0 a bo	lt th	Lightning. at hit a tree, omans' legs.	Muskegon	Rap rep	ids, Ban ort list Early M	ed be	low is	vill par	e, h t of	this	t hit stor	Lightning Lightning
An area south of	The	woman s	toppe				t was			Muskegon Co.	Man		on el	bow, wi	hile s fe	wal et.	king	down	the street.
Muskegon and Tawas City.	thr	ough the	area tree	. A c limba	ombi	nati t of	on of f ele	ligh ctric	lightning moved tning, winds, al service to ning-caused	Western Lake Erie		7:25p funnel ter.	cloud	s and	one		0 rspo	ut si	Water Spout ghted by a
·	fir two	es damag oil sto	ed 8 rage	homes tanks.	and Wi	dest	royed usts	a md of 30	bile home and to 50 MPH quipment and a	Area south of Muskegon and Saginaw		18 Early after ctrical	noon	1	. !	0 hous	5 and h	omes	Thunderstorms
	in inc Far	ll plane some of hes of r mington	Stro Detro ain fe Hills,	eet an its no ell th , Cant	d so rthweer on,	me b este Ha Plyn	aseme rn su rdest outh,	nt fl burbs hit Pinc	when 2.50 were Livonia, onning and		dis to ele a h	rupted. the grou mentary ome in G	Ligh nd at schoo rand l	coldwa Coldwa I in Bu Rapids	set ster urto	fire Lake n, an	s, bu e, he nd da ther	rned a avily maged homes	a mobile home damaged an the attic of in Benton
4NNE Ann Arbor,	lis	Pleasan ted below	w are	part	of the	ng to	storm 4	and	hail reports Tornado.		spo Har	ttv dama	ge to nnel d	trees	and and	dand	aged	a caπ	y winds caused per in Benton isted below
Washtenaw Co.	Tou	ched down	n brie two ba	efly o	n No	rthf eari	ng đợ	wn so	h Road me tree limbs.	2 northeast of Kinderhook, Branch Co.	17	1			0	0 inch	0 in s	ize.	Hail
3 N Ann Arbor, Washtenaw Co.	Dia	2:30p meter on	e inc	h.	0	0	0	С	Hail.	1 south of Sturgis,	17 Thr	2:30p ee quarte	er in	ch in s	0 size	0	0		Hail
The entire eastern shore line of Lower Michigan.	A f	mornir ast movir	ng. ng col	ld from	nt sv	rept	4 south	C	Winds.	St. Joseph Co. Norvell, Jackson Co.	Hai								Hail broke windows
	beh Sag	ind it. inaw Bay	Waves and I	and a	winds uron	caus	size	four	and strong winds boats on men to drown. inadvertently		in hai	and arour 1 covered	nd No	vell 1	Lake				reported the
	dro	ve his ca ing water	r off	a flo	ooded	pie	er tr	ing t	inadvertently co escape	5 ENE Muskegon, Muskegon Co.	17 See	8:25p n near th	ne sou	ith end	of	Wol	f Lak	e.	Funnel Cloud
	})]				Ì]	.	1	}	. }	Ì	i)

		3AL	PATH	E		OF SONS	ESTIM/ DAM					;AL	РАТН	E		OF SONS	ESTIMA DAM		
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	кістер	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOR										LATE REPOI			o4)		_				
1 NE Ravenna, Muskegon Co.	17 Sig	8:30p				he iir	nters	ectio	Funnel Cloud n of Ravenna	Calvert and Dorchester Counties	12 Heav	Evening v winds du	ring t	AUGUS hunders	torm	0 activ	ity ca	used a	Wind ome tree fall and Calvert County.
3 NNW Croton,	17	9:05p							Funnel Cloud	Nr Rumbley,	In D	orchester 3:30 p	County	a hous	e tra	iler O	at Fia	hing d	reek was overturned
Newaygo Co. La Grange, Cass Co.	28	10:45a			0	1	0		Lightning causing him to	Somerset County	A 17	-year-old ad checked	crab	pots on	th wa the	s str Manol	uck by in Riv	light er. As	ning as he end a the storm appros- toward land. The
l north Watervliet to Lawrence,	28	porarily 5:05p			0	0	0 dama	C and a	Hail pples and corn	Dorchester County	13	struck wh	en the	y were	about 0	a th	ousand 2	feet	from shore.
Van Buren Co.	cro			a nar	0		3	geo a	Tornado		Wind in Ea ing.	s estimate est New Ma	d at 7 rket.	0 mph k Some da	nocke mage	d tre done	es dov when t	n on h ree fe	istoric property 11 on an outbuild-
Berrien Co.	Tou dam and	ched dow aging tr Lawrenc	ees a e are	nd soπ as. F	a wo e ut unne	odeđ ilit l li	area y lin Eted	es in just	h of I-94, the Watervliet east of Lawrence re disappearing	Frederick County	17 A 25 grou	2:00 p by-30-foo d on farm	t shed	was at en Fred	0 ruck erick	0 by 11 and	3 Ightnir Unionv	a and	Rain, Lightning burned to the In addition, up to in the area.
4 N Paw Paw,	int	o the cl								PENNSYLVANIA		inches c	f rain	caused	mino	r fla	sh flo	oding	in the area.
Van Buren Co. 2 W Oshtemo, Kalamazoo Co.	28	6:23p							Funnel Cloud	EASTERN Ward Township, Tioga County		4 PM EDT	1		1	3	2		Electrical
3 SSW Portage, Kalamazoo Co.		6:32p hted on	the s	outh e	dge	of P	ortag	e.	Funnel Cloud		uр	ightning in a str injured	11 pm 1	ne. T	he f	dyn lyin	amite g deb	char ris k	ge being set illed one man
2 E Flint, Genes _{ee} Co.	28 Sig	Afterno		on Roa	d an	d Av	erill	Ave.	Funnel Cloud	Lancaster, Berks, Bucks, Montgomery and Philadelphia		Noon to							Heavy rain,
2 E Swartz Creek, Genesee Co.		Afterno orted at		and Ma	ple	road	s.		Funnel Cloud	Counties, also Luzerne County] Thu	8:00 PM EDT		nnaure	0	0	4	0	Wind,Electrical Hail
3 S Flint, Genesee Co.	Reg	Afterno orted by il Defen	assi						Funnel Cloud ee County ads.		flo hea inc wat gom	oding an viest ra hes reco er in so ery Coun	d som in fe rded me st ty, 1	e base 11 in and on reets. /4 to	ment the e an On	and City da e in	stor of P half ch	n flo hilad foot hail ail f	le roadway poding. The elphia with 5 or more of fell in Mont- ell in Phila- kes-Barre. Trees
PENNSYLVANIA EASTERN State College Centre County	28 Liq	6:30PM EDT htning s	truck	a woo	0 d pr	o du c	5 ts bu	0 ildin	Electrical		10, Phi aro The tri	000 cust ladelphi und and re also buted to	omers a Int poard were	and d ernati ing st a numb	amag pnal airs er o	ing Air wer f li	at le port, e blo	ast o a tr wn un ng st	kes-Barre.Trees utage to almost he building.At ailer was blown der aircraft. rikes which con- d at least one
DELAWARE	fir	e that d	estro	AUGUS			ng.			Philadelphia, Del- aware,Montgomery, Bucks and Lancaste Counties	hou 6	4PM to 9 PM ED	<u> </u>		0	0	3		Wind Electrical Heavy Rain
New Castle County	as t	rees fell sformers :	on por	er line	els and	11g)	tning	knock	Wind, Lightning erstorm of the year, ed out several and Hockessin		Win dow 5,0 MPH	gusts ned tree 00 custo in Phil	with s, tr ners adelp	thunde ee lim withou bia.	rsto bs a t po Heav	rms nd p wer. y ra	and 1 ower Wind in car		ing strikes , leaving over s reached 56 roadway flood-
Sussex County	ares 17	i			0	0	3	0	Wind, Lightning, Rain	Montour and North umberland Countie	6	2PM EDT			0	1	4	0	Electrical
ļ	Ļaur	ning and	Up to	winds ki	nocked ches d	powe f rai	r out n fel	in th	Georgetown and liford, causing some		Lig in Sun	atning s Panville Bury, No	trike , Mon rthum	resu our C berlan	ted ount d Co	in y, a unty	serior nd ki	is in lled	ury to a girl 14 cows near
MARYLAND &	D.C <u>.</u>	5:50 p			. 0	0.	3	3	Wind, Rain, Hail	Franklin and Adam County	8	5PM EDT 7PM EDT			0	1	4	0	Wind
	driv	ing rain a numerous h	nd gol	Lfball-s truck t	ize i	ail. htni:	Power g, hov	in the	accompanied by vicinity disrupted amage apparently and destroyed.		age fal	\$. Awo ling lim	man w bat	as inj the Ge	ured	wher	h she Batt	was efie	ing power out- struck by a ld. Near Chambers- arrying one off buse trailer
Baltimore City Area	Comb	Nr 6:00 p	wind	and lie	0 ntni	0 g lei	3 't some	0 18,0	Wind, Lightning O power company	Franklin, York,	bre	aking an	d twi	ting	the	vind	bws.		
Centreville, Queen Annes County	10 Vace	6:35 a	truck :	in two p	0 places	0 - a	4 second A-fran	floo	Lightning window and elec-	Lancaster, Chester Montgomery, Lehigh and North- ampton Counties		3PM to 6PM EDT	1:-	tniss	0	0	5		Electrical, Wind
Frederick County	10 Most	5:30 p activity	concertrees	ntrated	y fro	m wat O ne Lit main	er dan 3 ertyto power	own are	stimate at \$15,000. Wind, Lightning a where wind up- A 12x12-foot shed		at Lig who ing and	least to htning s	truck porti 000 ombin	one b one of amage ing wi	firuild the Wild	es ai ing buil ind ighti	nd dar in Eas ding s gusts hing s	naged ston o co broug strik	derstorms caused two others. and caused the lapse, result- tht down trees to cause
}	pick	ed up and	proket	apart	Some	dame	ge als	o don	to carnival prop-			İ							

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)		OF		ATED†	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)		OF SONS		ATEDI AGE	CHARACTER OF STORM
LATE REPO PENNSYLVANI EASTERN Carbon County	RTS A (cor		 	AUGUS	 	l	4	0	Electrical	LATE REPO WYOMING (con Platte County	RTS	S	_	AUGUS	 T 19	I	1 1	C	Hail
		tning ca roying i				a me	dula	nom:	e, completely		Whe	up to 3/4 tland. Mo	"cove st dan	red an	area crops	4 by with	6 mil 1 some	to ve	southwest of hicles and
Bradford County	ar E	PPM to nidnight EDT		-	0	0	5	0	Electrical	Park, Big Horn and Washakie Counties		3:00 p - 5:00 p			0		• 4	0	High wind
	Consi build fire.	ding and	ligi in a	itning barn	act TI	vit; ie bi	rcau: irn w	ed f	res in one troyed by the		Cons	iderable d	anage	was do	e to	airc	aft,	buildi	noving front. ngs, trees blown
Lancaster County	4	PPM to 130PM EDT			0	0	5	0	Heavy Rain Electrical	CORRECTIO	NS								
	Thund flood and f rails storm was f inclu Landa cause ing o jured	rieids washed n-relate flooded uded 4.2 uster. ed at le	s will some fere it out. I with the sast of the sast o	h hea stre Toode The ick ac 2 fee hes a was ne ho le rol	yy ra am f rain cider cider t Ten also se t	in code to care to constitute	ausering. Imperiorsed of the little recording to the reco	wide Barns adway ane in allre and in able stun	spread roadway, basements rs and guard jury in a om at a resort III measurements 2.08 inches in ightning which ted a man work-out was not in-	MINNESOTA Pergus Falls-Wadena- Emily Othertail-Wadena- Cass-Coow Wing Counties	with	a ground tion to lo	path c cal to	f a few rmadic	north	10 meast mes in fred . ex	teet e censiv	ch to wind	TORNADO ately 50 mph. wo hour period inchdown. In damage indicated
Chester County	Light exten erabl a sto	nsive da le damaç orage bu	mage je to ildir house	to a la baring at .	house b. (gol	and ther	l ano: lig! urse	ther of thing and o	Electrical . One caused .aused consid-) fires destroyed .aused minor o caused power	Pillager-Mission Lake Cass-Crow Wing Count	outh vehi trea park power corr	s and trai uildings a ples, tree ment due Two oth r outages, fields fl	nd cor s, and to inj ers in trees	n cribe crops uries d jured a uproof	leve Eig eceiv et Wad ed, h	led. ht ped at lena i oats	Extension Extens	asive taken as Fal come p ered o	lies. Several and meny farm damage to to hospital for to mobile home ark. Meny ver lakes,
PUERTO RICO				REPOR REPOR							a gr	ado touchs bund path Idamage in	d down of a f dicate	severa ew hund d to so	l tir red f uth c	esiu eete fto:	a 30- ach to mado p	minut suchdo sath t	tely 55 mph. period with m. Extensive width of 10
VIRGIN ISLANI WASHINGTON Snoqualtrie National Forest	8/5	1	wo men ightn 30 mile	were l	ospi le fi; of En	ntin numcl ng c	g a sm aw. T aused	all fo ne For fires	Lightning ug hit by rest fire about sst Serice in the Cascades		when tree Appr 11 p inju Many of s	e a dozen s uprooted oximately eople take ries. Tot electrics	cabins , and 35 can n to I al hav l and ished,	were of one lar per uni rainero oc amou telepho 40x80	emoli ge po ts ar Hosp ng bo ne ou quor	shed intoor id ter sital nats r ntage: set l	seven boat its dan altho noored s. Moi buildin	thrown raged rugh no at Lo bile ho og des	tong Lake cars damaged, a onto a tree, br destroyed, b serious by Lake, mme of family croyed. New
WYOMING Lincoln County		և։00 p m to 3/1	ı* des	troved	0 crops	O and	°5 did da	C mage t	Hail	C Crop da	nage.				l †				
Sheridan County Teton County	and Et and Et and Et and Et and Et at at at at at at at at at at at at at	in a thre tha; also 6:00 p up to 3/1 o one mi ops with fternoon	e squi in a in fell le wide some	mall small inter- for 20	e are area 0 milte and	o in corth o ntly es to cuild	Star V of Sm 5 from j the e ings.	alley pot in C ust we ast.	Star Valley.	** Yards i:	nstea amage s tha to \$ 000 t ,000 0,000 Milli Mill	n \$50	ed in) Lion Hillio) Mill	n Ion	ies v	aryin	g from	il to	9 as follows:
Niobrara County	while River 8 1	on a hil drainage 1:00 a - 5:00 a up to 2"	diame	rip 15 : ter cut	o iles	NE o	f Jack *5 s much	son on C as h	the Gros Ventre Hail miles wide crops, cars,	Note: This put to the difficut all-inclusive. following rece SUBSCRIPTION P	Laties Latipt o	inherent : e Reports a f these dat \$3.60 a	in col and Co ta. year;	lection rrectio \$4.80 a	of tons wi	he ty 11 be onal	pe of carri	data, ed in reign	it is not the month mailing;
Gillette	8 : Hail :	nery and 2:45 p up to 7/	build n dia exper	ings. ! meter f	fost 0 ell o	iamag O ver G	e was L illett	to irr C e and	igated crops. Hail just east. Most ment Farm two	30¢ single cop send payments Asheville, NC	and o	rders to: l. Attn:	Natio Publi	nal Cli cations	matic	Cent	er, Fe	deral	
Gillette & S	l i	5:52 p 1 observe	ed for	few mi	nutes	, nev	er tou	ched d	Funnel aloft										
Gillette 7 N		5:15 p 1 observ	ed bri	efly, d	id no	t tou	ch gro	und.	Funnel aloft										

U.S. DEPARTMENT OF COMMERCE NATIONAL CLIMATIC CENTER FEDERAL BUILDING ASHEVILLE, N.C. 28801 POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
210



THIRD CLASS
BULK RATE